

- EprintsApplicationProfile

Introduction

This document describes a DC Application Profile for describing an eprint, or scholarly work. The application profile is based on the SWAP [Model](#), which is in turn based on FRBR. The model comprises 5 entities - [ScholarlyWork](#), Expression, Manifestation, Copy and Agent. This application profile provides a way of describing these entities as part of a *description set* (a set of related DC *descriptions*).

The notion of a *description set*

is part of the DCMI Abstract Model. Readers that are not familiar with the DCMI Abstract Model should read [A note about the DCMI Abstract Model](#) before proceeding.

All the examples in this document are formatted according to the DC-Text notation. Readers who are not familiar with DC-Text should read [A note about DC-Text](#) before proceeding.

In the context of this work an eprint is defined to be a *scientific or scholarly research text* (as defined by the [Budapest Open Access Initiative](#)), for example a peer-reviewed journal article, a preprint, a working paper, a thesis, a book chapter, a report, etc.

Scholarly Works Application Profile

Each *description set*

that complies with the Scholarly Works Application Profile is made up of a set of related *descriptions* about the entities listed above. Therefore, a typical *description set* (using the DC-Text notation) has the following structure:

```

Description Set (
    Description (
        # description of the eprint as a ScholarlyWork
        ...
    )
    Description (
        # description of an Expression of the eprint
        ...
    )
    Description (
        # description of a Manifestation of an Expression of the eprint
        ...
    )
    Description (
        # description of a Copy of a Manifestation of an Expression of the eprint
        ...
    )
)
```

```

    Description (
        # description of an author, funder, supervisor of the eprint or an affili
        ...
    )
    Description (
        # description of an editor of an Expression of the eprint
        ...
    )
    Description (
        # description of the publisher of a Manifestation of an Expression of the
        ...
    )
    ...
)

```

Each *description set* describes only one eprint (i.e. one [ScholarlyWork](#) entity). However, multiple *descriptions* may be used to describe multiple Expression, Manifestation and Agent entities as necessary.

The metadata terms that may be used to describe each entity are described below. Note that all *properties* may be repeated if necessary. Unless otherwise noted, multiple *value strings* should be provided using separate *statements*. Where appropriate, each *value string* may have an associated *language tag*.

A minimal *description set* that conforms to this application profile must include either:

- a single [ScholarlyWork](#) *description* with at least one dc:title *statement* and one dc:type *statement* indicating that this is an entity of type <http://purl.org/eprint/entityType/ScholarlyWork>, or
- a single [ScholarlyWork](#) *description* with one one dc:type *statement* indicating that this is an entity of type <http://purl.org/eprint/entityType/ScholarlyWork> and one eprints:isExpressedAs *statement* linking to a single Expression *description* with at least one dc:title *statement* and one dc:type *statement* indicating that this is an entity of type <http://purl.org/eprint/entityType/Expression>.

All other aspects of the application profile are optional.

Description of the eprint as a ScholarlyWork

Entity type

Property <http://purl.org/dc/elements/1.1/type>

Min occurrence 1

Max occurrence 1

Literal? No

Definition The type nature or genre of the content of the resource.

Eprint-specific recommendation Each of the entity *descriptions* in the *description sets* conforming with this application profile will need to be explicitly typed. This is done using a `dc:type` statement with one of the following *value URIs* taken from the [Eprints EntityType Vocabulary Encoding Scheme](http://purl.org/eprint/entityType/VocabularyEncodingScheme) corresponding to the entity being described.

Value URI Constraint:

Occurrence mandatory

Choose from: <http://purl.org/eprint/entityType/ScholarlyWork/>

Vocabulary Encoding Scheme Constraint

Value
(Non-Literal)

Occurrence: mandatory

Choose from: <http://purl.org/eprint/entityType/>

Value String Constraint:

Max occurrence 0

For example:

```
Statement (
  Property URI ( dc:type )
  Vocabulary Encoding Scheme URI ( eprint:EntityType )
  Value URI ( <http://purl.org/eprint/entityType/ScholarlyWork> )
)
```

Title

Property <http://purl.org/dc/elements/1.1/title>

Min occurrence	1
Literal?	Yes
Definition	A name given to the resource. The title of the eprint.
Eprint-specific recommendation	Preserve the original wording, order and spelling of the eprint title. In general, only capitalize proper nouns, though there may be exceptions to this rule particularly regarding Internet-related terms. Punctuation need not reflect the usage of the original. Subtitles should be separated from the title by 'space-colon-space'.

For example:

```
Statement (
    Property URI ( dc:title )
    Literal Value String ( "Initial sequencing and analysis of the human genome" )
)

Statement (
    Property URI ( dc:title )
    Literal Value String ( "New nationalism and the old history : perspectives on t
)
```

Subject

Property	http://purl.org/dc/elements/1.1/subject
Literal?	No
Definition	The topic of the content of the resource. The topic of the eprint.
Eprint-specific recommendation	In general, choose the most significant and unique words for keywords, avoiding those too general to describe a particular eprint. For free-text keywords use multiple <i>statements</i> , one for each term. There are no requirements regarding the capitalization of keywords though internal (within archive) consistency is recommended. Where terms are taken from a standard classification scheme encode each term in a

separate *statement*. Use a *vocabulary encoding scheme URI* to indicate the classification scheme in use. Encode the complete subject descriptor according to the relevant scheme. Use the capitalisation and punctuation used in the original scheme. Where subject terms are taken from LCSH, the subfields of the subject heading should be separated by double dash (--) and spaces should be omitted.

If the subject of the eprint is a person or an organization, provide their name as a *value string* according to [A note about the form of personal and organisational names used in value strings](#).

Value URI Constraint:

Occurrence optional

Vocabulary Encoding Scheme Constraint

Occurrence: optional

Value String Constraint:

Value
(Non-Literal)

Max occurrence 1

Syntax Encoding Syntax Constraint:

Occurrence: disallowed

Language Constraint:

Occurrence optional

For example:

```
Statement (
    Property URI ( dc:subject )
    Value String ( "polar oceanography" )
)
Statement (
    Property URI ( dc:subject )
    Value String ( "boundary current" )
)
```

Using LCSH subjects:

```
Statement (
    Property URI ( dc:subject )
    Vocabulary Encoding Scheme URI ( dcterms:LCSH )
    Value String ( "World War, 1939-1945--Germany" )
)

Statement (
    Property URI ( dc:subject )
    Vocabulary Encoding Scheme URI ( dcterms:LCSH )
    Value String ( "Germany--History--1933-1945" )
)
```

Name as subject:

```
Statement (
    Property URI ( dc:subject )
    Value String ( "Hitler, Adolf, 1889-1945" )
)
```

Abstract

Property	http://purl.org/dc/terms/abstract
Literal?	Yes
Definition	A summary of the content of the resource.
Eprint-specific recommendation	A summary of the important points of the eprint.

Identifier

Property	http://purl.org/dc/elements/1.1/identifier
Min occurrence	1
Literal?	Yes

Definition An unambiguous reference to the resource within a given context.

Eprint-specific recommendation A URI for the eprint.

Syntax Encoding Scheme:

Value (Literal) **Occurrence** mandatory

Choose from <http://purl.org/dc/terms/URI>

For example:

```
Statement (
    Property URI ( dc:identifier )
    Literal Value String ( "http://eprints.bath.ac.uk/archive/00000003/"
        Syntax Encoding Scheme URI ( dcterms:URI )
    )
)
```

Note that one of the URIs for the eprint should be encoded as the *resource URI* in the *description* of the eprint. If a Handle has been assigned to the eprint then this should be used as the *resource URI*, encoded using the <http://hdl.handle.net/4263537/4069> form. Additional URIs should be provided using a *dc:identifier statement*. (See the [A note about using identifiers](#) below.)

```
Description Set (
    Description ( # description of the eprint as a ScholarlyWork
        Resource URI ( <http://hdl.handle.net/4263537/4069> )
        Statement (
            Property URI ( dc:identifier )
            Literal Value String ( "http://eprints.bath.ac.uk/archive/00000003/"
                Syntax Encoding Scheme URI ( dcterms:URI )
            )
        )
    )
    ...
)
```

Creator

Property <http://purl.org/dc/elements/1.1/creator>

Literal? No

Definition An entity primarily responsible for making the content of the resource.

An author of the eprint.

Eprint-specific recommendation Use this *property* to provide the author's name and/or the URI of the author and/or to link to a *related description* (with the *description set*) about the author.

Where a name is provided, see [A note about the form of personal and organisational names used in value strings](#).

Description: agent

Vocabulary Encoding Scheme Constraint

Occurrence: optional

Value String Constraint:

Value (Non-Literal) Max occurrence 1

Syntax Encoding Syntax Constraint:

Occurrence: disallowed

Language Constraint:

Occurrence optional

For example:

Statement (

```
Property URI ( dc:creator )  
Value String ( "Heery, Rachel" )  
ResourceRef ( rachelheery )
```


)

Funder

Property <http://www.loc.gov/loc.terms/relators/FND>

Literal? No

Definition A person or organization that furnished financial support for the production of the work.

Eprint-specific recommendation Use this *property* to provide the funder's name and/or the URI of the funder and/or to link to a *related description* (within the *description set*) about the funder.

Where a name is provided, see [A note about the form of personal and organisational names used in value strings](#).

Description: agent

Vocabulary Encoding Scheme Constraint

Occurrence: optional

Value String Constraint:

Value (Non-Literal) Max occurrence 1

Syntax Encoding Syntax Constraint:

Occurrence: disallowed

Language Constraint:

Occurrence optional

For example:

Statement (

Property URI (marcrel:FND)

```
Value String ( "The Mellon Foundation" )
ResourceRef ( organization5 )

)
```

Grant Number

Property	http://purl.org/eprint/terms/grantNumber
Literal?	Yes
Definition	An alpha-numeric string identifying the funding grant under which the eprint was written.
Eprint-specific recommendation	Use a <i>value string</i> to provide the grant number.

For example:

```
Statement (

  Property URI ( eprint:grantNumber )
  Literal Value String ( "A456X" )

)
```

Supervisor

Property	http://www.loc.gov/loc.terms/relators/THS
Literal?	No
Definition	A person under whose supervision a degree candidate develops and presents a thesis, mémoire, or text of a dissertation.
Eprint-specific recommendation	Use this <i>property</i> to provide the supervisor's name and/or the URI of the supervisor and/or to link to a <i>related description</i> (within the <i>description set</i>) about the supervisor. Where a name is provided, see A note about the form of personal and organisational names used in value strings .

Description: agent

Vocabulary Encoding Scheme Constraint

Occurrence: optional

Value String Constraint:

Value (Non-Literal) Max occurrence 1

Syntax Encoding Syntax Constraint:

Occurrence: disallowed

Language Constraint:

Occurrence optional

For example:

```
Statement (
  Property URI ( marcrel:THS )
  Value String ( "Bloggs, Fred" )
  ResourceRef ( person15 )
)
```

Affiliated Institution

Property <http://purl.org/eprint/terms/affiliatedInstitution>

Literal? No

Definition An organisation to which a creator of the eprint is affiliated.

Eprint-specific recommendation Use this *property* to provide the affiliated organisation's name and/or the URI of the affiliated institution and/or to link to a *related description* (with the *description set*) about the affiliated institution.

Where a name of the affiliated organisation is provided, see [A note about the form of personal and organisational names used in value strings](#).

Description: agent

Vocabulary Encoding Scheme Constraint

Occurrence: optional

Value String Constraint:

Value (Non-Literal) Max occurrence 1

Syntax Encoding Syntax Constraint:

Occurrence: disallowed

Language Constraint:

Occurrence optional

For example:

```
Statement (
  Property URI ( eprint:affiliatedInstitution )
  Value String ( "University of Bristol" )
  ResourceRef ( bristoluni )
)
```

Has Adaptation

Property <http://purl.org/eprint/terms/hasAdaptation>

Literal? No

Definition A scholarly work that results from the described eprint being recast in a new form.

Eprint-specific recommendation Use this *property* to provide a value URI of an adaptation of the eprint.

In the context of this application profile, an example of an adaptation is the powerpoint slides (the adaptation) used to present a conference paper (the eprint) at a conference.

Value URI Constraint:**Occurrence** mandatory**Vocabulary Encoding Scheme Constraint**

Value (Non-Literal)

Occurrence: disallowed**Value String Constraint:**

Max occurrence 0

For example:

```
Statement (
  Property URI ( eprint:hasAdaptation )
  Value URI ( <http://www.example.com/mypaper.ppt> )
)
```

Is Expressed As

Property <http://purl.org/eprint/terms/isExpressedAs>

Literal? No

Definition A version of the described eprint.

Eprint-specific recommendation An expression of the described eprint. In FRBR terms, an eprint is a Work.

Eprint-specific recommendation Use this *property* to provide the URI of an expression of the eprint and/or to link to a *related description* (with the *description set*) about the expression.

Description: expression

Vocabulary Encoding Scheme Constraint

Value (Non-Literal) **Occurrence:** disallowed

Value String Constraint:

Max occurrence 0

For example:

```
Statement (
    Property URI ( eprint:isExpressedAs )
    ResourceRef ( expression1 )
)
```

Description of an Expression of the eprint

Entity type

Property <http://purl.org/dc/elements/1.1/type>

Min occurrence 1

Max occurrence 1

Literal? No

Definition The type nature or genre of the content of the resource.

Eprint-specific recommendation Each of the entity *descriptions* in the *description sets* conforming with this application profile will need to be explicitly typed. This is done using a dc:type *statement* with one of the following *value URIs* taken from the [Eprints EntityType Vocabulary Encoding Scheme](#) corresponding to the entity being described.

Value
(Non-Literal) **Value URI Constraint:**

Occurrence mandatory

Choose from: <http://purl.org/eprint/entityType/Expression/>

Vocabulary Encoding Scheme Constraint

Occurrence: mandatory

Choose from: <http://purl.org/eprint/entityType/>

Value String Constraint:

Max occurrence 0

For example:

```
Statement (
    Property URI ( dc:type )
    Vocabulary Encoding Scheme URI ( eprint:EntityType )
    Value URI ( <http://purl.org/eprint/entityType/Expression> )
)
```

Title

Property <http://purl.org/dc/elements/1.1/title>

Literal? Yes

Definition A name given to the resource.

A title for the expression of the eprint. Only use this property in cases where the expression title is different from the title of the eprint at the scholarly work level. For example, use this property to capture the title of a translation of the eprint.

Eprint-specific recommendation Preserve the original wording, order and spelling of the eprint title. In general, only capitalize proper nouns, though there may be exceptions to this rule particularly regarding Internet-related terms. Punctuation need not reflect the usage of the original. Subtitles should be separated from the title by 'space-colon-space'.

For example:

```
Statement (

  Property URI ( dc:title )
  Literal Value String ( "Initial sequencing and analysis of the human genome" )

)

Statement (

  Property URI ( dc:title )
  Literal Value String ( "The new nationalism and the old history : perspectives

)
```

Description

Property	http://purl.org/dc/elements/1.1/description
Literal?	Yes
Definition	An account of the content of the resource.
Eprint-specific recommendation	A description of the expression of the eprint. Use this property to describe how the expression relates to the eprint as a scholarly work and/or other expressions.

For example:

```
Statement (

  Property URI ( dc:description )
  Literal Value String ( "Translated into French for publication in Journal des I

)
```

Identifier

Property	http://purl.org/dc/elements/1.1/identifier
Min occurrence	1
Literal?	Yes

Definition An unambiguous reference to the resource within a given context.

Eprint-specific recommendation A URI for the described expression of the eprint.

Syntax Encoding Scheme:

Value (Literal) **Occurrence** mandatory

Choose from <http://purl.org/dc/terms/URI>

For example:

```
Statement (
    Property URI ( dc:identifier )
    Literal Value String ( "http://eprints.bath.ac.uk/archive/12345678/"
        Syntax Encoding Scheme URI ( dcterms:URI )
    )
)
```

Note that one of the URIs for the described expression of the eprint should be encoded as the *resource URI* in the *description* of the expression. If a DOI or Handle has been assigned to the expression of the eprint then this should be used as the *resource URI*, encoded using the <http://dx.doi.org/10.1000/152> or <http://hdl.handle.net/4263537/4069> form. Additional URIs should be provided using a *dc:identifier statement*. (See the [A note about using identifiers](#) below.)

```
Description Set (
    Description ( # description of the eprint as an Expression
        Resource URI ( <http://dx.doi.org/10.1000/152> )
        Statement (
            Property URI ( dc:identifier )
            Literal Value String ( "http://eprints.bath.ac.uk/archive/00000003/"
                Syntax Encoding Scheme URI ( dcterms:URI )
            )
        )
    )
    ...
)
```

Date Available

Property	http://purl.org/dc/terms/available
Max occurrence	1
Literal?	Yes
Definition	Date (often a range) that the resource will become or did become available.
Eprint-specific recommendation	<p>The date that the described expression of the eprint was first made public.</p> <p>Use a <i>value string</i> to provide the date, formatted according to the W3C Date Time Format (W3CDTF) specification.</p>

Syntax Encoding Scheme:

Value (Literal)	Occurrence mandatory
	Choose from http://purl.org/dc/terms/W3CDTF

For example:

```
Statement (
  Property URI ( dcterms:available )
  Literal Value String ( "2004-09-23"
    Syntax Encoding Scheme URI ( dcterms:W3CDTF )
  )
)
```

Status

Property	http://purl.org/eprint/terms/status
Literal?	No

Definition The status of the resource.

Eprint-specific recommendation The status of the described expression of the eprint. Recommended best practice is to provide a *value URI* taken from the [Eprints Status Vocabulary Encoding Scheme](http://purl.org/eprint/status/PeerReviewed):
<http://purl.org/eprint/status/PeerReviewed> or
<http://purl.org/eprint/status/NonPeerReviewed>.

Value URI Constraint:

Occurrence mandatory

Choose from: <http://purl.org/eprint/status/PeerReviewed>
<http://purl.org/eprint/status/NonPeerReviewed>

Value
(Non-Literal) **Vocabulary Encoding Scheme Constraint**

Occurrence: mandatory

Choose from: <http://purl.org/eprint/status/>

Value String Constraint:

Max occurrence 0

For example:

```
Statement (
    Property URI ( eprint:status )
    Vocabulary Encoding Scheme URI ( eprint:Status )
    Value URI ( <http://purl.org/eprint/status/PeerReviewed> )
)
```

Version Number or String

Property <http://purl.org/eprint/terms/version>

Literal? Yes

Definition	A version number or version string associated with the resource.
Eprint-specific recommendation	A version number or version string associated with the described expression of the eprint.

For example:

```
Statement (  
  
    Property URI ( eprint:version )  
    Literal Value String ( "2.0" )  
  
)
```

Language

Property	http://purl.org/dc/elements/1.1/language
----------	---

Literal?	No
----------	----

Definition	A language of the intellectual content of the resource.
------------	---

Eprint-specific recommendation	A language in which the described expression of the eprint is written. Use multiple <i>statements</i> if the described expression of the eprint is written in multiple languages. Provide a <i>value string</i> containing a language tag, formatted according to RFC-3066.
--------------------------------	---

Value URI Constraint:**Occurrence** disallowed**Choose from:**

Value (Non-Literal)

Vocabulary Encoding Scheme Constraint**Occurrence:** disallowed**Choose from:**

Value String Constraint:

Max occurrence 1

Syntax Encoding Syntax Constraint:

Occurrence: mandatory

Option: <http://purl.org/dc/terms/RFC3066>

Language Constraint:

Occurrence disallowed

For example:

```
Statement (
    Property URI ( dc:language )
    Vocabulary Encoding Scheme URI ( dcterms:RFC3066 )
    Value String ( "fr" )
)
```

Type

Property <http://purl.org/dc/elements/1.1/type>

Literal? No

Definition The nature or genre of the content of the resource.

Eprint-specific The type of the described expression of the eprint.

recommendation Recommended best practice is to provide a value URI for a class from the [Eprints Type Vocabulary Encoding Scheme](#).

Value (Non-Literal)

Value URI Constraint:

Occurrence mandatory

Choose from: <http://purl.org/eprint/type/ScholarlyText>
<http://purl.org/eprint/type/Book>
<http://purl.org/eprint/type/BookItem>
<http://purl.org/eprint/type/BookReview>
<http://purl.org/eprint/type/ConferenceItem>
<http://purl.org/eprint/type/ConferencePaper>
<http://purl.org/eprint/type/ConferencePoster>
<http://purl.org/eprint/type/JournalItem>
<http://purl.org/eprint/type/JournalArticle>
<http://purl.org/eprint/type/NewsItem>
<http://purl.org/eprint/type/Patent>
<http://purl.org/eprint/type/Report>
<http://purl.org/eprint/type/SubmittedJournalArticle>
<http://purl.org/eprint/type/Thesis>
<http://purl.org/eprint/type/WorkingPaper>

Vocabulary Encoding Scheme Constraint

Occurrence: mandatory

Choose from: <http://purl.org/eprint/type/>

Value String Constraint:

Max occurrence 0

For example:

```
Statement (
  Property URI ( dc:type )
  Vocabulary Encoding Scheme URI ( eprint:Type )
  Value URI ( <http://purl.org/eprint/type/JournalArticle> )
)
```

Copyright Holder

Property <http://purl.org/eprint/terms/copyrightHolder>

Literal? No

Definition A person or organization owning copyright in the resource.

A person or organization owning copyright in the eprint.

**Eprint-specific
recommendation**

Use this *property* to provide the copyright holder's name and/or the URI of the copyright holder and/or to link to a *related description* (with the *description set*) about the copyright holder.

Where a name is provided, see [A note about the form of personal and organisational names used in value strings](#).

Description: agent

Vocabulary Encoding Scheme Constraint

Occurrence: optional

Value String Constraint:

Value (Non-Literal) Max occurrence 1

Syntax Encoding Syntax Constraint:

Occurrence: disallowed

Language Constraint:

Occurrence optional

For example:

```
Statement (
  Property URI ( eprint:copyrightHolder )
  Value String ( "University of Leeds" )
  ResourceRef ( leedsuni )
)
```

Has Version

Property	http://purl.org/dc/terms/hasVersion
Literal?	No
Definition	The described resource has a version, edition, or adaptation, namely, the referenced resource.
Eprint-specific recommendation	Use this <i>property</i> to provide the URI of an alternative expression of the eprint and/or to link to a <i>related description</i> (with the <i>description set</i>) about the alternative expression.

Description: expression

Vocabulary Encoding Scheme Constraint

Value (Non-Literal)	Occurrence:	disallowed
---------------------	--------------------	------------

Value String Constraint:

Max occurrence 0

For example:

```
Statement (
  Property URI ( dcterms:hasVersion )
  ResourceRef ( version-2.1 )
)
```

Has Translation

Property	http://purl.org/eprint/terms/hasTranslation
Literal?	No
Definition	A translation of the described resource.
Eprint-specific recommendation	Use this <i>property</i> to provide the URI of an expression that is a translation of the described expression of the eprint and/or to link to a <i>related description</i> (with the

description set) about the translated expression.

Description: expression

Vocabulary Encoding Scheme Constraint

Value (Non-Literal) **Occurrence:** disallowed

Value String Constraint:

Max occurrence 0

For example:

```
Statement (
  Property URI ( eprint:hasTranslation )
  ResourceRef ( version-en )
)
```

Bibliographic Citation

Property <http://purl.org/dc/terms/bibliographicCitation>

Literal? Yes

Definition A bibliographic reference for the resource.

Eprint-specific recommendation Use this *property* to provide the text citation that should be used to cite the described expression of the eprint and/or to provide an OpenURL [ContextObject](#) for the described expression of the eprint following the guidelines in the [Guidelines for Encoding Bibliographic Citation Information in Dublin Core Metadata](#) DCMI Recommendation. In general, both a human-readable citation and a machine-readable OpenURL [ContextObject](#) should be provided.

Syntax Encoding Scheme:

Value (Literal)

Occurrence optional

Choose from info:ofi/fmt:kev:mtx:

For example:

```
Statement (
  Property URI ( dcterms:bibliographicCitation )
  Literal Value String ( "Library and Information Science Research 22(3), 311-331" )
  Literal Value String ( "&ctx_ver=Z39.88-2004&rft_val_fmt=info%3Aofi%2Ffmt%3Akev%3A
    &rft.jtitle=Library+and+Information+Science+Research&rft.stitle=LISR
    &rft.volume=22&rft.issue=3&rft.spage=311
    &rfr_id=info%3Asid%2Fmimas.ac.uk%3Azetoc" )
  Syntax Encoding Scheme URI ( kev:ctx )
)
```

Note that the lines above have been wrapped for readability.

References

Property	http://purl.org/dc/terms/references
Literal?	No
Definition	The described resource references, cites, or otherwise points to the referenced resource.
Eprint-specific recommendation	Use this <i>property</i> to provide the URI of an expression of a different eprint, a textual citation for the expression and/or an OpenURL ContextObject . In general, where a human-readable citation is provided a machine-readable OpenURL ContextObject should also be provided.

Value URI Constraint:

Value (Non-Literal) **Occurrence** optional

Vocabulary Encoding Scheme Constraint

Occurrence: disallowed

Value String Constraint:

Max occurrence 2

Syntax Encoding Syntax Constraint:

Occurrence: optional

Option: info:ofi/fmt:kev:mtx:

Language Constraint:

Occurrence disallowed

For example:

Statement (

Property URI (dcterms:references)

Value String ("Heery, R. (2000). \"Information gateways: collaboration on cont

Online Information Review, 24 (1), 40-45.\")

Value String ("&ctx_ver=Z39.88-2004&rft_val_fmt=info%3Aofi%2Ffmt%3Akev%3Amtx%3A

&rft.jtitle=Online+Information+Review&rft.volume=24&rft.issue=1&rft.spage=

&rft.epage=45&rft.aufirst=Rachel&rft.aulast=Heery&rft.date=2000

&rfr_id=info%3Aid%2Fmimas.ac.uk%3Azetoc"

Syntax Encoding Scheme URI (kev:ctx)

)

)

Editor

Property <http://www.loc.gov/loc.terms/relators/EDT>

Literal? No

Definition	A person or organization who prepares for publication a work not primarily his/her own, such as by elucidating text, adding introductory or other critical matter, or technically directing an editorial staff.
	A person or organisation that prepares the described expression of the eprint for publication.
Eprint-specific recommendation	Use this <i>property</i> to provide the editor's name and/or the URI of the editor and/or to link to a <i>related description</i> (with the <i>description set</i>) about the editor.
	Where a name is provided, see A note about the form of personal and organisational names used in value strings .

Description: agent

Vocabulary Encoding Scheme Constraint

Occurrence: optional

Value String Constraint:

Value (Non-Literal) Max occurrence 1

Syntax Encoding Syntax Constraint:

Occurrence: disallowed

Language Constraint:

Occurrence optional

For example:

```
Statement (
  Property URI ( marcrel:EDT )
  Value String ( "Day, Michael" )
  ResourceRef ( person2 )
)
```

Is Manifested As

Property	http://purl.org/eprint/terms/isManifestedAs
Literal?	No
Definition	A manifestation of the described version of the eprint.
Eprint-specific recommendation	<p>A manifestation of the described expression of the eprint. In FRBR terms, an eprint is a Work.</p> <p>Use this <i>property</i> to provide the URI of a manifestation of the expression of the eprint and/or to link to a <i>related description</i> (with the <i>description set</i>) about the manifestation.</p>

Description: manifestation

Vocabulary Encoding Scheme Constraint

Value (Non-Literal) **Occurrence:** disallowed

Value String Constraint:

Max occurrence 0

For example:

```
Statement (
    Property URI ( eprint:isManifestedAs )
    ResourceRef ( pdfformat1 )
)
```

Description of a Manifestation of an Expression of the eprint

Entity type

Property <http://purl.org/dc/elements/1.1/type>

Min occurrence 1

Max occurrence 1

Literal? No

Definition The type nature or genre of the content of the resource.

Eprint-specific recommendation Each of the entity *descriptions* in the *description sets* conforming with this application profile will need to be explicitly typed. This is done using a `dc:type` *statement* with one of the following *value URIs* taken from the [Eprints EntityType Vocabulary Encoding Scheme](http://purl.org/eprint/entityType/VocabularyEncodingScheme) corresponding to the entity being described.

Value URI Constraint:

Occurrence mandatory

Choose from: <http://purl.org/eprint/entityType/Manifestation/>

Vocabulary Encoding Scheme Constraint

Value
(Non-Literal)

Occurrence: mandatory

Choose from: <http://purl.org/eprint/entityType/>

Value String Constraint:

Max occurrence 0

For example:

```
Statement (
  Property URI ( dc:type )
  Vocabulary Encoding Scheme URI ( eprint:EntityType )
  Value URI ( <http://purl.org/eprint/entityType/Manifestation> )
)
```

Format

Property	http://purl.org/dc/elements/1.1/format
Literal?	No
Definition	The physical or digital manifestation of the resource.
Eprint-specific recommendation	<p>The media-type of the described manifestation of an expression of the eprint.</p> <p>Recommended best practice is to select a <i>value string</i> from the IANA registered list of Internet Media Types (MIME types).</p> <p>Value URI Constraint:</p> <p>Occurrence disallowed</p> <p>Vocabulary Encoding Scheme Constraint</p> <p>Occurrence: disallowed</p> <p>Value String Constraint:</p>
Value (Non-Literal)	<p>Max occurrence 1</p> <p><i>Syntax Encoding Syntax Constraint:</i></p> <p>Occurrence: mandatory</p> <p>Option: http://purl.org/dc/terms/IMT</p> <p><i>Language Constraint:</i></p> <p>Occurrence disallowed</p>

For example:

Statement (

Property URI (dc:format)

Vocabulary Encoding Scheme URI (dcterms:IMT)

```
Value String ( "application/pdf" )  
  
)
```

Date Modified

Property <http://purl.org/dc/terms/modified>

Literal? Yes

Definition Date on which the resource was changed.

Eprint-specific recommendation The last modified date of the described manifestation of an expression of the eprint.

Use a *value string* to provide the date, formatted according to the W3C Date Time Format (W3CDTF) specification.

Syntax Encoding Scheme:

Value (Literal) **Occurrence** mandatory

Choose from <http://purl.org/dc/terms/W3CDTF>

For example:

```
Statement (  
  
  Property URI ( dcterms:modified )  
  Literal Value String ( "2005-02-14"  
  
    Syntax Encoding Scheme URI ( dcterms:W3CDTF )  
  
  )  
  
)
```

Publisher

Property <http://purl.org/dc/elements/1.1/publisher>

Literal? No

Definition An entity responsible for making the resource available.

Eprint-specific
recommendation The publisher of the described manifestation of an expression of the eprint,
typically either the author's institution or a commercial publisher.

Use this *property* to provide the publisher's name and/or the URI of the publisher
and/or to link to a *related description* (with the *description set*) about the
publisher.

Description: agent

Vocabulary Encoding Scheme Constraint

Occurrence: optional

Value String Constraint:

Value (Non-Literal) Max occurrence 1

Syntax Encoding Syntax Constraint:

Occurrence: disallowed

Language Constraint:

Occurrence optional

For example:

```
Statement (
  Property URI ( dc:publisher )
  Value String ( "Springer" )
  ResourceRef ( organisation1 )
)
```

Is Available As

Property	http://purl.org/eprint/terms/isAvailableAs	
Literal?	No	
Definition	A resource that is an exemplar of the described manifestation of an expression of the eprint.	
Eprint-specific recommendation	<p>A copy of the described manifestation of an expression of the eprint. In FRBR terms, an eprint is a Work and a copy is an Item.</p> <p>Use this <i>property</i> to provide the URI of a copy of a manifestation of an expression of the eprint.</p> <p>Description: copy</p> <p>Vocabulary Encoding Scheme Constraint</p>	
Value (Non-Literal)	Occurrence:	disallowed
	Value String Constraint:	
	Max occurrence	0

For example:

```
Statement (
  Property URI ( eprint:isAvailableAs )
  Value URI ( http://www.example.com/work/version/copy.pdf )
)
```

Description of a Copy of a Manifestation of an Expression of the eprint

Entity type

Property	http://purl.org/dc/elements/1.1/type
Min occurrence	1

Max occurrence 1

Literal? No

Definition The type nature or genre of the content of the resource.

Eprint-specific recommendation Each of the entity *descriptions* in the *description sets* conforming with this application profile will need to be explicitly typed. This is done using a `dc:type statement` with one of the following *value URIs* taken from the [Eprints EntityType Vocabulary Encoding Scheme](http://purl.org/eprint/entityType/VocabularyEncodingScheme) corresponding to the entity being described.

Value URI Constraint:

Occurrence mandatory

Choose from: <http://purl.org/eprint/entityType/Copy/>

Vocabulary Encoding Scheme Constraint

Value
(Non-Literal)

Occurrence: mandatory

Choose from: <http://purl.org/eprint/entityType/>

Value String Constraint:

Max occurrence 0

For example:

```
Statement (
  Property URI ( dc:type )
  Vocabulary Encoding Scheme URI ( eprint:EntityType )
  Value URI ( <http://purl.org/eprint/entityType/Copy> )
)
```

Access Rights

Property	http://purl.org/dc/terms/accessRights
Literal?	No
Definition	Information about who can access the resource or an indication of its security status.
Eprint-specific recommendation	Information about who can access the described copy of a manifestation of an expression of the eprint. In FRBR terms, an eprint is a Work and a copy is an Item. Recommended best practice is to provide a value URI for a class from the Eprints AccessRights Vocabulary Encoding Scheme .

Value URI Constraint:

Occurrence mandatory

Choose from: <http://purl.org/eprint/accessRights/OpenAccess>
<http://purl.org/eprint/accessRights/RestrictedAccess>
<http://purl.org/eprint/accessRights/ClosedAccess>

Value
(Non-Literal) **Vocabulary Encoding Scheme Constraint**

Occurrence: mandatory

Choose from: <http://purl.org/eprint/accessRights/>

Value String Constraint:

Max occurrence 0

For example:

```
Statement (
    Property URI ( dcterms:accessRights )
    Vocabulary Encoding Scheme URI ( eprint:accessRights )
    Value URI ( <http://purl.org/eprint/accessRights/OpenAccess> )
)
```

Licence

Property	http://purl.org/dc/terms/license
Literal?	No
Definition	A legal document giving official permission to do something with the resource.
Eprint-specific recommendation	The terms under which the described copy of a manifestation of an expression of the eprint is made available. Typically, the URI of a licence statement should be provided as a <i>value URI</i> .

Value URI Constraint:**Occurrence** mandatory**Vocabulary Encoding Scheme Constraint**

Value (Non-Literal)

Occurrence: disallowed**Value String Constraint:**

Max occurrence 0

For example:

```
Statement (
  Property URI ( dcterms:license )
  Value URI ( http://creativecommons.org/licenses/by/2.0/ )
)
```

Date Available

Property	http://purl.org/dc/terms/available
Max occurrence	1
Literal?	Yes

Definition	Date (often a range) that the resource will become or did become available.
Eprint-specific recommendation	<p>The date that the described copy of a manifestation of an expression of the eprint will become or did become public.</p> <p>Use a <i>value string</i> to provide the date, formatted according to the W3C Date Time Format (W3CDTF) specification.</p>

Syntax Encoding Scheme:

Value (Literal)	Occurrence mandatory
	Choose from http://purl.org/dc/terms/W3CDTF

For example:

```
Statement (
  Property URI ( dcterms:available )
  Literal Value String ( "2004-09-23"

    Syntax Encoding Scheme URI ( dcterms:W3CDTF )

  )
)
```

Is Part Of

Property	http://purl.org/dc/terms/isPartOf
Literal?	No
Definition	The described resource is a physical or logical part of the referenced resource.
Eprint-specific recommendation	<p>A collection, typically a bibliographic collection, of which the described copy is a member.</p> <p>Use both a <i>value URI</i> and a <i>value string</i> to indicate the collection.</p>

Value URI Constraint:**Occurrence** mandatory**Vocabulary Encoding Scheme Constraint****Occurrence:** disallowed**Value String Constraint:**

Value (Non-Literal)

Max occurrence 1

*Syntax Encoding Syntax Constraint:***Occurrence:** optional*Language Constraint:***Occurrence** optional**For example:**

```
Statement (
    Property URI ( dcterms:isPartOf )
    Value URI ( <http://purl.org/poi/iesr.ac.uk/1084445801-13323> )
    Value String ( "JSTOR" )
)
```

Description of an Agent

Entity type

Property <http://purl.org/dc/elements/1.1/type>

Min occurrence 1

Max occurrence 1

Literal? No

Definition The type nature or genre of the content of the resource.

Eprint-specific recommendation Each of the entity *descriptions* in the *description sets* conforming with this application profile will need to be explicitly typed. This is done using a `dc:type` *statement* with one of the following *value URIs* taken from the [Eprints EntityType Vocabulary Encoding Scheme](http://purl.org/eprint/entityType/VocabularyEncodingScheme) corresponding to the entity being described.

Value URI Constraint:

Occurrence mandatory

Choose from: <http://purl.org/eprint/entityType/Person/>
<http://purl.org/eprint/entityType/Organization/>

Value
(Non-Literal)

Vocabulary Encoding Scheme Constraint

Occurrence: mandatory

Choose from: <http://purl.org/eprint/entityType/>

Value String Constraint:

Max occurrence 0

For example:

Statement (

Property URI (`dc:type`)

Vocabulary Encoding Scheme URI (`eprint:EntityType`)

Value URI (`<http://purl.org/eprint/entityType/Person>`)

)

Statement (

Property URI (`dc:type`)

Vocabulary Encoding Scheme URI (`eprint:EntityType`)


```
Value URI ( <http://purl.org/eprint/entityType/Organization> )
```

```
)
```

Name

Property <http://xmlns.com/foaf/0.1/name>

Literal? Yes

Definition A name for some thing.

A name for the agent (person or organisation).

Eprint-specific recommendation In general, use foaf:family_name and foaf:givenname for describing persons and foaf:name for describing organisations.

Where a name is provided, see [A note about the form of personal and organisational names used in value strings](#).

For example:

```
Statement (
```

```
Property URI ( foaf:name )
```

```
Literal Value String ( "University of York" )
```

```
)
```

Family Name

Property http://xmlns.com/foaf/0.1/family_name

Literal? Yes

Definition The family name of some person.

The family name of a person.

Eprint-specific recommendation In general, use foaf:family_name and foaf:givenname for describing persons and foaf:name for describing organisations.

For example:

```
Statement (

  Property URI ( foaf:family_name )
  Literal Value String ( "Powell" )

)
```

Given Name

Property <http://xmlns.com/foaf/0.1/givenname>

Literal? Yes

Definition The given name of some person.

Eprint-specific recommendation The given name of a person.

In general, use foaf:family_name and foaf:givenname for describing persons and foaf:name for describing organisations.

For example:

```
Statement (

  Property URI ( foaf:givenname )
  Literal Value String ( "Andy" )

)
```

Workplace Homepage

Property <http://xmlns.com/foaf/0.1/workplaceHomepage>

Literal? No

Definition A workplace homepage of some person; the homepage of an organization they work for.

Eprint-specific recommendation The homepage of the organisation for which the author of the eprint works.

Use this *property* to provide the URI of the organisational homepage as a *value URI*.

Value URI Constraint:**Occurrence** mandatory**Vocabulary Encoding Scheme Constraint**

Value (Non-Literal)

Occurrence: disallowed**Value String Constraint:**

Max occurrence 0

For example:

```
Statement (
  Property URI ( foaf:workplaceHomepage )
  Value URI ( <http://www.bristol.ac.uk/> )
)
```

Mailbox

Property <http://xmlns.com/foaf/0.1/mailbox>

Literal? No

Definition A personal mailbox, ie. an Internet mailbox associated with exactly one owner, the first owner of this mailbox. This is a 'static inverse functional property', in that there is (across time and change) at most one individual that ever has any particular value for foaf:mailbox.

Eprint-specific recommendation A mailbox associated with a person, formatted as a 'mailto' URI.

Value URI Constraint:

Value (Non-Literal)

Occurrence mandatory

Vocabulary Encoding Scheme Constraint

Occurrence: disallowed

Value String Constraint:

Max occurrence 0

For example:

```
Statement (  
  Property URI ( foaf:mbox )  
  Value URI ( "mailto:fred@example.com" )  
)
```

Homepage

Property <http://xmlns.com/foaf/0.1/homepage>

Literal? No

Definition A homepage for some thing.

Eprint-specific recommendation Provide the URI of the agent's Web homepage as a *value URI*.

Value URI Constraint:

Occurrence mandatory

Value (Non-Literal) **Vocabulary Encoding Scheme Constraint**

Occurrence: disallowed

Value String Constraint:

Max occurrence 0

For example:

```
Statement (

    Property URI ( foaf:homepage )
    Value URI ( "http://www.bham.ac.uk/" )

)
```

Entity typing

Each of the entity *descriptions* in the *description sets* conforming with this application profile will need to be explicitly typed. This is done using a *dc:type statement* with one of the following *value URIs* taken from the [Eprints EntityType Vocabulary Encoding Scheme](#):

- <http://purl.org/eprint/entityType/ScholarlyWork>
- <http://purl.org/eprint/entityType/Expression>
- <http://purl.org/eprint/entityType/Manifestation>
- <http://purl.org/eprint/entityType/Copy>
- <http://purl.org/eprint/entityType/Person>
- <http://purl.org/eprint/entityType/Organization>

For example:

```
Statement (

    Property URI ( dc:type )
    Vocabulary Encoding Scheme URI ( eprint:EntityType )
    Value URI ( <http://purl.org/eprint/entityType/Copy> )

)
```

A note about the form of personal and organisational names used in value strings

Where personal or organisational names are provided as *value strings*, the following guidelines should be followed.

Personal names should be listed surname or family name first, followed by comma-space, then the "usual" or preferred form of forenames and/or initials followed by a full stop. If necessary, this may be followed by the full set of spelled-out forenames in round brackets. Use the same form of name for all eprints, irrespective of the form used on the item itself. ||

For example:

```
Statement (

    Property URI ( marcrel:EDT )
    Value String ( "Bloggs, Fred" )

)

Statement (

    Property URI ( marcrel:EDT )
    Value String ( "Sulston, John E." )

)

Statement (

    Property URI ( marcrel:FND )
    Value String ( "Walker, J. J. (John Joseph)" )

)
```

In the case of organizations where there is clearly a hierarchy present, list the parts of the hierarchy from largest to smallest, separated by full stops. If it is not clear whether there is a hierarchy present, or unclear which is the larger or smaller portion of the body, give the name as it appears in the eprint. ||

For example:

```
Statement (

    Property URI ( marcrel:THS )
    Value String ( "Loughborough University. Department of Computer Science" )

)

Statement (

    Property URI ( dc:creator )
    Value String ( "University of Reading. Rural History Centre" )

)

Statement (

    Property URI ( dc:publisher )
    Value String ( "John Wiley & Sons, Inc. (US)" )

)
```

The inclusion of personal and corporate name headings from authority lists constructed according to AACR2, e.g. the Library of Congress Name Authority File (LCNA), is also acceptable.

A note about using identifiers

Each of the entities in the model may be assigned a URI, encoded as the *resource URI* in the description of that entity.

It should be noted, however, that assigning and encoding a URI is not mandatory for any of the entities. Although the lack of a URI for any entity means that the entity can not be referenced from within metadata records in other eprint systems, the assignment of URIs to entities should be performed with care (and, where possible, after first checking whether a URI has already been assigned to the entity elsewhere). Multiple URIs for a single entity are likely to cause problems for downstream eprint systems, since it may be difficult for them to determine algorithmically whether any two URIs identify the same entity.

Where the [ScholarlyWork](#) and Expression entities in a *description set* have additional URIs, these should be encoded in one or more *dc:identifier statements*. As noted in the relevant sections above, in cases where there are multiple URIs for any entity, one of the URIs should be used as the *resource URI*. Recommended best practice is to use a DOI or Handle as the *resource URI*, where these exist.

The URIs assigned to each of the entities should uniquely identify a single entity. There may be more than one URI per entity, but each URI should only identify one entity.

It is an implementation issue whether the URIs assigned to the [ScholarlyWork](#) and Expression entities dereference to a representation of that entity. However, it is anticipated that eprint systems are likely to be configured such that the URI for [ScholarlyWork](#) and/or Expression entities dereference to a 'jump-off page' for the eprint, as served by the archive.

In all cases where a *dc:identifier statement* is provided, use a *syntax encoding scheme URI* to indicate that a URI is being provided. ||

For example:

```
Statement (
    Property URI ( dc:identifier )
    Value String ( "http://eprints.bath.ac.uk/archive/00000003/"

        Syntax Encoding Scheme URI ( dcterms:URI )

    )
)
```

It is not yet clear whether current practice is to assign DOIs at the level of the Work or at the level of the Expression (as those terms are used in FRBR) or in a more fine-grained way. The current [Crossref documentation](#) indicates that DOIs should be assigned to the 'work', however it is not clear that this usage of the word 'work' corresponds with its usage in FRBR - in fact, it is rather more likely that it corresponds with the use of the term Expression in FRBR.

There is also other evidence that publishers typically assign DOIs at the level of the FRBR Expression. For example, the [DOI Handbook discussion about 'granularity'](#) concludes that in practice it is safer to assign separate DOIs to each language translation of a given article, i.e. to assign DOIs at the level of the Expression.

As a result, it is suggested that the following guidelines are followed when making use of DOIs in the context of this application profile:

- If the DOI has been assigned to all possible expressions and manifestations of the eprint (e.g. it is intended to resolve to both the HTML format of the preprint and the PDF format of the formally published article), use the DOI as the *resource URI* for the [ScholarlyWork](#) entity (and also encode it as the *value string* of a *dc:identifier statement* for that entity).

- If the DOI has been assigned to all manifestations of a particular expression of the eprint (e.g. it is intended to resolve to all the formats of the Spanish language version of the formally published article), use the DOI as the *resource URI* for the Expression entity.
- If the DOI has been assigned to a particular manifestation of an expression of the eprint (e.g. it is intended to resolve only to the PDF format of the French-language translation of the formally published article), use the DOI as the *resource URI* for the Manifestation entity.
- If the DOI has been assigned to a particular copy of a manifestation of an expression of the eprint (e.g. it is only intended to resolve to the particular copy of an article as served by a particular Web server), use the DOI as the *resource URI* for the Copy entity.

In all cases, the '<http://dx.doi.org/10.100/12345>' form of URI encoding should be used.

Note that publisher-assigned DOIs are highly likely to fall into cases 1 or 2.

A note about mapping the Scholarly Works Application Profile to Simple DC

http://www.ukoln.ac.uk/repositories/digirep/index/Mapping_the_Scholarly_Works_Application_Profile_to_Mapping_the_Scholarly_Works_Application_Profile_to_Simple_DC] is available as a separate document.

The mapping enables software to 'dumb-down' (i.e. transform) a *description set* that conforms with this application profile to a *description set* that conforms with simple DC. In this context, 'simple DC' means a *description set* that comprises a single *description* that only uses the 15 *properties* in the [Dublin Core Metadata Element Set](#).

It is worth noting that by using this mapping, a *description set* that complies with this application profile will be dumbed-down to form a *description* that complies with the [Using simple DC to describe eprints](#) document produced by the [ePrints UK project](#).

It is also worth noting that the resulting simple DC *description* is about the eprint as a [ScholarlyWork](#). While this is not the only approach to mapping this application profile to simple DC (for example, it would also be possible to map this application profile to a set of simple DC *descriptions* about each of the Copy entities) it fits well with the intended usage of this application profile in the [OAI Protocol for Metadata Harvesting](#). In this case, each [OAI item](#) will have associated records that correspond to both the oai_dc format and an XML format based on this application profile.

The particular mapping discussed here and in the separate document does not preclude alternative mappings being generated in the future.

Examples

Example 1

```
@prefix dc: <http://purl.org/dc/elements/1.1/> .
@prefix dcterms: <http://purl.org/dc/terms/> .
@prefix eprint: <http://purl.org/eprint/terms/> .
```

```
DescriptionSet (
```

```
    Description (
```



```
Resource URI ( <http://eprints.gla.ac.uk/503/> )
Statement (

    Property URI ( dc:type )
    Value URI ( <http://purl.org/eprint/entityType/ScholarlyWork> )

)
Statement (

    Property URI ( dc:title )
    Literal Value String ( "Attempts to detect retrotransposition and de

        repeats at specific loci in the human genome" )

)
Statement (

    Property URI ( dcterms:abstract )
    Value String ( "Dispersed repeat elements contribute to genome insta

        recombination between repeats. To study the dynamics of these p
        single DNA molecule approaches to detect de novo insertions at
        deletions at two different loci in human genomic DNA. Validatio
        approaches could detect insertions and deletions at frequencies
        bulk analysis of germline (sperm) and somatic DNA showed no evi
        placing an upper limit of insertion and deletion rates of 2 x 1
        in the individuals tested. Such re-arrangements at these loci t
        than that detectable by the most sensitive methods currently av

    )
    # keywords to be added
    # Alu; deletion; dispersed repeats; insertion; recombination; retropositi
    Statement (

        Property URI (dc:creator )
        Value String ( "Hollies, C.R." )

    )
    Statement (

        Property URI (dc:creator )
        Value String ( "Monckton, D.G." )

    )
    Statement (

        Property URI (dc:creator )
        Value String ( "Jeffreys, A.J." )

    )
    Statement (

        Property URI ( dc:identifier )
        Literal Value String ( "http://eprints.gla.ac.uk/503/"

            Syntax Encoding Scheme URI ( dcterms:URI )
```

```
    )

  )
  Statement (

    Property URI ( eprint:isExpressedAs )
    ResourceRef ( expression1 )

  )

)

Description (

  ResourceId ( expression1 )
  Statement (

    Property URI ( dc:type )
    Value URI ( <http://purl.org/eprint/entityType/Expression> )

  )
  Statement (

    Property URI ( dc:language )
    Vocabulary Encoding Scheme URI ( dcterms:RFC3066 )
    Value String ( "en" )

  )
  Statement (

    PropertyURI ( dc:type )
    Vocabulary Encoding Scheme URI ( eprint:Type )
    Value URI ( <http://purl.org/eprint/type/JournalArticle> )

  )
  Statement (

    Property URI ( dcterms:available )
    Literal Value String ( "2001-02"

      Syntax Encoding Scheme URI ( dcterms:W3CDTF )

    )

  )
  Statement (

    Property URI ( eprint:status )
    Vocabulary Encoding Scheme URI ( eprint:Status )
    Value URI ( < http://purl.org/eprint/status/PeerReviewed> )

  )
  Statement (

    Property URI ( eprint:copyrightHolder )
```

```
        Value String ( "Nature Publishing Group" )

    )
    # Citation and OpenURL context object to be added
    Statement (

        Property URI ( eprint:isManifestedAs )
        ResourceRef ( pdfmanifestation )

    )

)

Description (

    ResourceId ( pdfmanifestation )
    Statement (

        Property URI ( dc:type )
        Value URI ( <http://purl.org/eprint/entityType/Manifestation> )

    )
    Statement (

        Property URI ( dc:format )
        Vocabulary Encoding Scheme URI ( dcterms:IMT )
        Value String ( "application/pdf" )

    )
    Statement (

        Property URI ( eprint:isAvailableAs )
        Value URI ( <http://eprints.gla.ac.uk/503/01/Eu_J._Hum_Gen.9(2)143_.:

    )
    Statement (

        Property URI ( eprint:isAvailableAs )
        Value URI ( <http://www.nature.com/ejhg/journal/v9/n2/pdf/5200590a.p

    )

)

Description (

    Resource URI ( <http://eprints.gla.ac.uk/503/01/Eu_J._Hum_Gen.9(2)143_.pd:
    Statement (

        Property URI ( dc:type )
        Value URI ( <http://purl.org/eprint/entityType/Copy> )

    )

)
```

```

Statement (

    Property URI ( dcterms:accessRights )
    Value URI ( <http://purl.org/eprint/accessRights/OpenAccess> )

)

)

Description (

    Resource URI ( <http://www.nature.com/ejhg/journal/v9/n2/pdf/5200590a.pdf:
Statement (

    Property URI ( dc:type )
    Value URI ( <http://purl.org/eprint/entityType/Copy> )

)
Statement (

    Property URI ( dcterms:accessRights )
    Value URI ( <http://npg.nature.com/npg/servlet/Content?data=xml/08_h

)

)

)

```

Example 2

```

@prefix dc: <http://purl.org/dc/elements/1.1/> .
@prefix dcterms: <http://purl.org/dc/terms/> .
@prefix eprint: <http://purl.org/eprint/terms/> .
@prefix foaf: <http://xmlns.com/foaf/0.1/> .

DescriptionSet (

    Description (

        Resource URI ( <http://eprints.soton.ac.uk/22934/> )
        Statement (

            Property URI ( dc:type )
            ValueURI ( <http://purl.org/eprint/entityType/ScholarlyWork> )

        )
        Statement (

            Property URI ( dc:identifier )
            Literal Value String ( "http://eprints.soton.ac.uk/22934/"

                Syntax Encoding Scheme URI ( dcterms:URI )

            )

        )
    )
)

```

```
)
Statement (

    Property URI ( dc:title )
    Literal Value String ( "Structurally integrated brushless PM motor f

)
Statement (

    Property URI ( dc:creator )
    Value String ( "Abu Sharkh, S.M.A. (Suleiman)" )
    ResourceRef ( AbuSharkhSM )

)
Statement (

    Property URI ( dc:creator )
    Value String ( "Lai, S.H." )

)
Statement (

    Property URI ( dc:creator )
    Value String ( "Turnock, S.R." )

)
Statement (

    Property URI ( dcterms:abstract )
    Value String ( "The design, analysis and performance of a brushless

        in the structure of a miniature 50 mm diameter propeller thrus
        the stator is fitted in the faired thin duct that surrounds the
        its efficiency and protect it from damage, and the rotor is fit
        propeller. Such a thruster is intended for use on small autonom
        that are being developed for defence, scientific and industry a
        relatively large airgap motor with protective coating within th
        propeller duct (<10 mm thick) imposes extreme constraints on th
        machine, including a very thin rotor and stator radial thicknes
        axial length in addition to the relatively large airgap, which
        practical issues that have not been considered in the literatur
        a machine is discussed, a demonstrator device is described and
        results are reported." )

)
Statement (

    Property URI ( dc:subject )
    Vocabulary Encoding Scheme URI ( dcterms:LCSH )
    Value String ( "T Technology--TC Hydraulic engineering. Ocean engine

)
Statement (

    Property URI ( dc:subject )
    Vocabulary Encoding Scheme URI ( dcterms:LCSH )
```

```
        Value String ( "T Technology--TK Electrical engineering. Electronics
    )
    Statement (

        Property URI ( dc:subject )
        Vocabulary Encoding Scheme URI ( dcterms:LCSH )
        Value String ( "T Technology--TL Motor vehicles. Aeronautics. Astron

    )
    Statement (

        Property URI ( eprint:affiliatedInstitution )
        Value String ( "University of Southampton" )
        ResourceRef ( sotonuni )

    )
    Statement (

        Property URI ( eprint:isExpressedAs )
        Value URI ( <http://dx.doi.org/10.1049/ip-epa:20040736> )

    )
)

Description (

    Resource URI ( <http://dx.doi.org/10.1049/ip-epa:20040736> )
    Statement (

        Property URI ( dc:type )
        ValueURI ( <http://purl.org/eprint/entityType/Expression> )

    )
    Statement (

        Property URI ( dc:language )
        Value String ( "en" )

    )
    Statement (

        Property URI ( dc:type )
        Value URI ( <http://purl.org/eprint/type/JournalArticle> )

    )
    Statement (

        Property URI ( dc:identifier )
        Literal Value String ( "http://dx.doi.org/doi:10.1049/ip-epa:2004073

            Syntax Encoding Scheme URI ( dcterms:URI )

        )
    )
)
```

```
)
Statement (

    Property URI ( dcterms:available )
    Literal Value String ( "2004"

        Syntax Encoding Scheme URI (dcterms:W3CDTF )

    )

)
Statement (

    Property URI ( eprint:status )
    Vocabulary Encoding Scheme ( eprint:status )
    ValueURI ( <http://purl.org/eprint/status/PeerReviewed> )

)
Statement (

    Property URI ( dcterms:copyrightHolder )
    Value String ( "Institution of Engineering and Technology" )

)
Statement (

    Property URI ( dcterms:bibliographicCitation )
    Literal Value String ( "IEE Proceedings - Electric Power Application
    Literal Value String ( "&ctx_ver=Z39.88-2004&rft_val_fmt=info:ofi/fm

        &rft.atitle=Structurally+integrated+brushless+PM+motor+for+mini
        &rft.jtitle=IEE+Proceedings+-+Electric+Power+Applications&rft.v
        &rft.spage=513&rft.date=2004&rft.issn=1350-2352
        &rft.aulast=Sharkh&rft.auinit=S+M+A
        &rfr_id=info:sid/eprints.soton.ac.uk"

        Syntax Encoding Scheme URI ( <info:ofi/fmt:kev:mtx:ctx> )

    )

)
Statement (

    Property URI ( eprint:isManifestedAs )
    ResourceRef ( manifestation1 )

)

)

Description (

    ResourceId ( manifestation1 )
    Statement (
```

```
        Property URI ( dc:type )
        ValueURI ( <http://purl.org/eprint/entityType/Manifestation> )

    )
    Statement (

        Property URI ( dc:format )
        Vocabulary Encoding Scheme URI ( dcterms:IMT )
        Value String ( "application/pdf" )

    )
    Statement (

        Property URI ( dc:publisher )
        Value String ( "Institution of Engineering and Technology" )

    )
    Statement (

        Property URI ( eprint:isAvailableAs )
        Value URI ( <http://scitation.aip.org/getpdf/servlet/GetPDFServlet?f

    )

)

Description (

    Resource URI ( <http://scitation.aip.org/getpdf/servlet/GetPDFServlet?file
    Statement (

        Property URI ( dc:type )
        Value URI ( <http://purl.org/eprint/entityType/Copy> )

    )
    Statement (

        Property URI ( dcterms:licence )
        Value URI ( <http://www.ietdl.org/journals/doc/IEEDRL-home/info/subs

    )
    Statement (

        Property URI ( dcterms:accessRights )
        Value URI ( <http://purl.org/eprint/accessRights/RestrictedAccess> )

    )
    Statement (

        Property URI ( dcterms:isPartOf )
        Value URI ( <http://www.theiet.org/> )
        Value String ( "Institution of Engineering and Technology" )

    )
    Statement (
```



```
        Property URI ( dcterms:isPartOf )
        Value URI ( <http://www.ietdl.org/> )
        Value String ( "IET Digital Library" )

    )

)

Description (

    ResourceId ( sotonuni )
    Statement (

        Property URI ( dc:type )
        Value URI ( <http://purl.org/eprint/entityType/Organization> )

    )
    Statement (

        Property URI ( foaf:name )
        Literal Value String ( "University of Southampton" )

    )
    Statement (

        Property URI ( foaf:homepage )
        Value URI ( "http://www.soton.ac.uk/" )

    )

)

)
```

```
Description (

    ResourceId ( AbuSharkhSM )
    Statement (

        Property URI ( dc:type )
        Value URI ( <http://purl.org/eprint/entityType/Person> )

    )
    Statement (

        Property URI ( foaf:givenname )
        Literal Value String ( "Suleiman" )

    )
    Statement (

        Property URI ( foaf:familyname )
        Literal Value String ( "Abu Sharkh" )

    )

)
```

```
Statement (
  Property URI ( foaf:homepage )
  Value URI ( <http://www.soton.ac.uk/ses/people/AbuSharkhSM.html> )
)
Statement (
  Property URI ( foaf:workplaceHomepage )
  Value URI ( <http://www.soton.ac.uk/> )
)
)
)
```

EprintsApplicationProfile (last edited 2008-05-15 10:00:53 by [JulieAllinson](#))