





Introduction

This document describes a DC Application Profile for describing an eprint. The application profile is based on the Eprints  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.

Eprints Application Profile

Each *description set* that complies with the Eprints 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
    ...
  )
  Description (
    # description of a Copy of a Manifestation of an Expressi
    ...
  )
  Description (




```

```
        # description of an author, funder, supervisor of the epr
        ...
    )
    Description (
        # description of an editor of an Expression of the eprint
        ...
    )
    Description (
        # description of the publisher of a Manifestation of an E
        ...
    )
    ...
)
```

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 <i>descriptions</i> in the <i>description sets</i> conforming with this application profile will need to be explicitly typed. This is done using a <i>dc:type statement</i> with one of the following <i>value URIs</i> taken from the  Eprints EntityType Vocabulary Encoding Scheme corresponding to the entity being described.																								
Value (Non-Literal)	<table border="1"> <tr> <th colspan="2">Value URI Constraint:</th></tr> <tr> <td>Occurrence</td><td>mandatory</td></tr> <tr> <td>Choose from:</td><td> http://purl.org/eprint/entityType/ScholarlyWork/</td></tr> </table> <table border="1"> <tr> <th colspan="2">Vocabulary Encoding Scheme Constraint</th></tr> <tr> <td>Occurrence:</td><td>mandatory</td></tr> <tr> <td>Choose from:</td><td> http://purl.org/eprint/entityType/</td></tr> </table> <table border="1"> <tr> <th colspan="2">Value String Constraint:</th></tr> <tr> <td>Max occurrence</td><td>0</td></tr> <tr> <td colspan="2"><i>Syntax Encoding Syntax Constraint:</i></td></tr> <tr> <td>Occurrence:</td><td>disallowed</td></tr> <tr> <td colspan="2"><i>Language Constraint:</i></td></tr> <tr> <td>Occurrence</td><td>disallowed</td></tr> </table>	Value URI Constraint:		Occurrence	mandatory	Choose from:	 http://purl.org/eprint/entityType/ScholarlyWork/	Vocabulary Encoding Scheme Constraint		Occurrence:	mandatory	Choose from:	 http://purl.org/eprint/entityType/	Value String Constraint:		Max occurrence	0	<i>Syntax Encoding Syntax Constraint:</i>		Occurrence:	disallowed	<i>Language Constraint:</i>		Occurrence	disallowed
Value URI Constraint:																									
Occurrence	mandatory																								
Choose from:	 http://purl.org/eprint/entityType/ScholarlyWork/																								
Vocabulary Encoding Scheme Constraint																									
Occurrence:	mandatory																								
Choose from:	 http://purl.org/eprint/entityType/																								
Value String Constraint:																									
Max occurrence	0																								
<i>Syntax Encoding Syntax Constraint:</i>																									
Occurrence:	disallowed																								
<i>Language Constraint:</i>																									
Occurrence	disallowed																								

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.
Eprint-specific recommendation	<p>The title of the eprint.</p> <p>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.</p>

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 )
  Value String ( "Initial sequencing and analysis of the human
)
Statement (
  Property URI ( dc:title )
  Value String ( "New nationalism and the old history : perspec
)
```

Subject

Property	 http://purl.org/dc/elements/1.1/subject					
Literal?	No					
Definition	The topic of the content of the resource.					
Eprint-specific recommendation	<p>The topic of the eprint.</p> <p>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.</p> <p>Where terms are taken from a standard classification scheme encode each term in a separate <i>statement</i>. Use a <i>vocabulary encoding scheme URI</i> 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.</p> <p>If the subject of the eprint is a person or an organization, provide their name as a <i>value string</i> according to A note about the form of personal and organisational names used in value strings.</p>					
Value (Non-Literal)	<table><tr><td colspan="2">Value URI Constraint:</td></tr><tr><td>Occurrence</td><td>optional</td></tr></table> <table><tr><td>Vocabulary Encoding Scheme Constraint</td></tr></table>	Value URI Constraint:		Occurrence	optional	Vocabulary Encoding Scheme Constraint
Value URI Constraint:						
Occurrence	optional					
Vocabulary Encoding Scheme Constraint						

		Occurrence:	optional
		Choose from:	http://purl.org/dc/terms/LCSH http://authorities.loc.gov/
		Value String Constraint:	
		Max occurrence	1
		<i>Syntax Encoding Syntax Constraint:</i>	
		Occurrence:	disallowed
		<i>Language Constraint:</i>	
		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?	No
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.						
Value (Literal)	<table border="1"> <thead> <tr> <th colspan="2">Syntax Encoding Scheme:</th></tr> </thead> <tbody> <tr> <td>Occurrence</td><td>mandatory</td></tr> <tr> <td>Choose from</td><td> http://purl.org/dc/terms/URI</td></tr> </tbody> </table>	Syntax Encoding Scheme:		Occurrence	mandatory	Choose from	 http://purl.org/dc/terms/URI
Syntax Encoding Scheme:							
Occurrence	mandatory						
Choose from	 http://purl.org/dc/terms/URI						

For example:

```
Statement (
  Property URI ( dc:identifier )
  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 )
      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.																		
Eprint-specific recommendation	<p>An author of the eprint.</p> <p>Use this <i>property</i> to provide the author's name and/or the URI of the author and/or to link to a <i>related description</i> (with the <i>description set</i>) about the author.</p> <p>Where a name is provided, see A note about the form of personal and organisational names used in value strings.</p>																		
Value (Non-Literal)	<p>Description: agent</p> <table border="1"> <tr> <th colspan="2">Vocabulary Encoding Scheme Constraint</th></tr> <tr> <td>Occurrence:</td><td>optional</td></tr> <tr> <td>Choose from:</td><td> http://authorities.loc.gov/</td></tr> </table> <table border="1"> <tr> <th colspan="2">Value String Constraint:</th></tr> <tr> <td>Max occurrence</td><td>1</td></tr> <tr> <td colspan="2"><i>Syntax Encoding Syntax Constraint:</i></td></tr> <tr> <td>Occurrence:</td><td>disallowed</td></tr> <tr> <td colspan="2"><i>Language Constraint:</i></td></tr> <tr> <td>Occurrence</td><td>optional</td></tr> </table>	Vocabulary Encoding Scheme Constraint		Occurrence:	optional	Choose from:	 http://authorities.loc.gov/	Value String Constraint:		Max occurrence	1	<i>Syntax Encoding Syntax Constraint:</i>		Occurrence:	disallowed	<i>Language Constraint:</i>		Occurrence	optional
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Value String Constraint:																			
Max occurrence	1																		
<i>Syntax Encoding Syntax Constraint:</i>																			
Occurrence:	disallowed																		
<i>Language Constraint:</i>																			
Occurrence	optional																		

For example:

```

Statement (
  Property URI ( dc:creator )
  Value String ( "Heery, Rachel" )
  DescriptionRef ( 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	<p>Use this <i>property</i> to provide the funder's name and/or the URI of the funder and/or to link to a <i>related description</i> (within the <i>description set</i>) about the funder.</p> <p>Where a name is provided, see A note about the form of personal and organisational names used in value strings.</p>																		
Value (Non-Literal)	<p>Description: agent</p> <table><tr><th colspan="2">Vocabulary Encoding Scheme Constraint</th></tr><tr><td>Occurrence:</td><td>optional</td></tr><tr><td>Choose from:</td><td>http://authorities.loc.gov/</td></tr></table> <table><tr><th colspan="2">Value String Constraint:</th></tr><tr><td>Max occurrence</td><td>1</td></tr><tr><td colspan="2"><i>Syntax Encoding Syntax Constraint:</i></td></tr><tr><td>Occurrence:</td><td>disallowed</td></tr><tr><td colspan="2"><i>Language Constraint:</i></td></tr><tr><td>Occurrence</td><td>optional</td></tr></table>	Vocabulary Encoding Scheme Constraint		Occurrence:	optional	Choose from:	http://authorities.loc.gov/	Value String Constraint:		Max occurrence	1	<i>Syntax Encoding Syntax Constraint:</i>		Occurrence:	disallowed	<i>Language Constraint:</i>		Occurrence	optional
Vocabulary Encoding Scheme Constraint																			
Occurrence:	optional																		
Choose from:	http://authorities.loc.gov/																		
Value String Constraint:																			
Max occurrence	1																		
<i>Syntax Encoding Syntax Constraint:</i>																			
Occurrence:	disallowed																		
<i>Language Constraint:</i>																			
Occurrence	optional																		

For example:

```
Statement (  
  Property URI ( marcel:FND )  
  Value String ( "The Mellon Foundation" )  
  DescriptionRef ( 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 )
  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.																		
Value (Non-Literal)	Description: agent <table border="1"><tr><td colspan="2">Vocabulary Encoding Scheme Constraint</td></tr><tr><td>Occurrence:</td><td>optional</td></tr><tr><td>Choose from:</td><td>http://authorities.loc.gov/</td></tr></table> <table border="1"><tr><td colspan="2">Value String Constraint:</td></tr><tr><td>Max occurrence</td><td>1</td></tr><tr><td colspan="2"><i>Syntax Encoding Syntax Constraint:</i></td></tr><tr><td>Occurrence:</td><td>disallowed</td></tr><tr><td colspan="2"><i>Language Constraint:</i></td></tr><tr><td>Occurrence</td><td>optional</td></tr></table>	Vocabulary Encoding Scheme Constraint		Occurrence:	optional	Choose from:	http://authorities.loc.gov/	Value String Constraint:		Max occurrence	1	<i>Syntax Encoding Syntax Constraint:</i>		Occurrence:	disallowed	<i>Language Constraint:</i>		Occurrence	optional
Vocabulary Encoding Scheme Constraint																			
Occurrence:	optional																		
Choose from:	http://authorities.loc.gov/																		
Value String Constraint:																			
Max occurrence	1																		
<i>Syntax Encoding Syntax Constraint:</i>																			
Occurrence:	disallowed																		
<i>Language Constraint:</i>																			
Occurrence	optional																		

For example:

```
Statement (
  Property URI ( marcrel:THS )
  Value String ( "Bloggs, Fred" )
  DescriptionRef ( 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	<p>Use this <i>property</i> to provide the affiliated organisation's name and/or the URI of the affiliated institution and/or to link to a <i>related description</i> (with the <i>description set</i>) about the affiliated institution.</p> <p>Where a name of the affiliated organisation is provided, see A note about the form of personal and organisational names used in value strings.</p>																		
Value (Non-Literal)	<p>Description: agent</p> <table border="1"> <tr> <th colspan="2">Vocabulary Encoding Scheme Constraint</th></tr> <tr> <td>Occurrence:</td><td>optional</td></tr> <tr> <td>Choose from:</td><td>http://authorities.loc.gov/</td></tr> </table> <table border="1"> <tr> <th colspan="2">Value String Constraint:</th></tr> <tr> <td>Max occurrence</td><td>1</td></tr> <tr> <td colspan="2"><i>Syntax Encoding Syntax Constraint:</i></td></tr> <tr> <td>Occurrence:</td><td>disallowed</td></tr> <tr> <td colspan="2"><i>Language Constraint:</i></td></tr> <tr> <td>Occurrence</td><td>optional</td></tr> </table>	Vocabulary Encoding Scheme Constraint		Occurrence:	optional	Choose from:	http://authorities.loc.gov/	Value String Constraint:		Max occurrence	1	<i>Syntax Encoding Syntax Constraint:</i>		Occurrence:	disallowed	<i>Language Constraint:</i>		Occurrence	optional
Vocabulary Encoding Scheme Constraint																			
Occurrence:	optional																		
Choose from:	http://authorities.loc.gov/																		
Value String Constraint:																			
Max occurrence	1																		
<i>Syntax Encoding Syntax Constraint:</i>																			
Occurrence:	disallowed																		
<i>Language Constraint:</i>																			
Occurrence	optional																		

For example:

```
Statement (
  Property URI ( eprint:affiliatedInstitution )
  Value String ( "University of Bristol" )
  DescriptionRef ( 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	<p>Use this <i>property</i> to provide a value URI of an adaptation of the eprint.</p> <p>In the context of this application profile, an example of an</p>

	adaptation is the powerpoint slides (the adaptation) used to present a conference paper (the eprint) at a conference.																				
Value (Non-Literal)	<table><tr><td colspan="2">Value URI Constraint:</td></tr><tr><td>Occurrence</td><td>mandatory</td></tr><tr><td colspan="2">Vocabulary Encoding Scheme Constraint</td></tr><tr><td>Occurrence:</td><td>disallowed</td></tr><tr><td colspan="2">Value String Constraint:</td></tr><tr><td>Max occurrence</td><td>0</td></tr><tr><td colspan="2"><i>Syntax Encoding Syntax Constraint:</i></td></tr><tr><td>Occurrence:</td><td>disallowed</td></tr><tr><td colspan="2"><i>Language Constraint:</i></td></tr><tr><td>Occurrence</td><td>disallowed</td></tr></table>	Value URI Constraint:		Occurrence	mandatory	Vocabulary Encoding Scheme Constraint		Occurrence:	disallowed	Value String Constraint:		Max occurrence	0	<i>Syntax Encoding Syntax Constraint:</i>		Occurrence:	disallowed	<i>Language Constraint:</i>		Occurrence	disallowed
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Occurrence	mandatory																				
Vocabulary Encoding Scheme Constraint																					
Occurrence:	disallowed																				
Value String Constraint:																					
Max occurrence	0																				
<i>Syntax Encoding Syntax Constraint:</i>																					
Occurrence:	disallowed																				
<i>Language Constraint:</i>																					
Occurrence	disallowed																				

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	<p>An expression of the described eprint. In FRBR terms, an eprint is a Work.</p> <p>Use this <i>property</i> to provide the URI of an expression of the eprint and/or to link to a <i>related description</i> (with the <i>description set</i>) about the expression.</p>								
Value (Non-Literal)	<p>Description: expression</p> <table><tr><td colspan="2">Vocabulary Encoding Scheme Constraint</td></tr><tr><td>Occurrence:</td><td>disallowed</td></tr><tr><td colspan="2">Value String Constraint:</td></tr><tr><td>Max occurrence</td><td>0</td></tr></table>	Vocabulary Encoding Scheme Constraint		Occurrence:	disallowed	Value String Constraint:		Max occurrence	0
Vocabulary Encoding Scheme Constraint									
Occurrence:	disallowed								
Value String Constraint:									
Max occurrence	0								









<i>Syntax Encoding Syntax Constraint:</i>	
Occurrence:	disallowed
<i>Language Constraint:</i>	
Occurrence	disallowed

For example:

```
Statement (  
    Property URI ( eprint:isExpressedAs )  
    DescriptionRef ( 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 <i>descriptions</i> in the <i>description sets</i> conforming with this application profile will need to be explicitly typed. This is done using a dc:type <i>statement</i> with one of the following <i>value URIs</i> taken from the  Eprints EntityType Vocabulary Encoding Scheme corresponding to the entity being described.																		
Value (Non-Literal)	<table><tr><td colspan="2">Value URI Constraint:</td></tr><tr><td>Occurrence</td><td>mandatory</td></tr><tr><td>Choose from:</td><td> http://purl.org/eprint/entityType/Expression/</td></tr></table> <table><tr><td colspan="2">Vocabulary Encoding Scheme Constraint</td></tr><tr><td>Occurrence:</td><td>mandatory</td></tr><tr><td>Choose from:</td><td> http://purl.org/eprint/entityType/</td></tr></table> <table><tr><td colspan="2">Value String Constraint:</td></tr><tr><td>Max occurrence</td><td>0</td></tr><tr><td colspan="2"><i>Syntax Encoding Syntax Constraint:</i></td></tr></table>	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	<i>Syntax Encoding Syntax Constraint:</i>	
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																		
<i>Syntax Encoding Syntax Constraint:</i>																			

	Occurrence:	disallowed
	<i>Language Constraint:</i>	
	Occurrence	disallowed

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.
Eprint-specific recommendation	<p>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.</p> <p>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'.</p>

For example:

```
Statement (  
  Property URI ( dc:title )  
  Value String ( "Initial sequencing and analysis of the human  
)  
Statement (  
  Property URI ( dc:title )  
  Value String ( "The new nationalism and the old history : per  
)
```

Description

Property	http://purl.org/dc/elements/1.1/description
Literal?	No
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 )
  Value String ( "Translated into French for publication in Jou
)
```

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.						
Value (Literal)	<table border="1"> <tr> <th colspan="2">Syntax Encoding Scheme:</th></tr> <tr> <td>Occurrence</td><td>mandatory</td></tr> <tr> <td>Choose from</td><td>http://purl.org/dc/terms/URI</td></tr> </table>	Syntax Encoding Scheme:		Occurrence	mandatory	Choose from	http://purl.org/dc/terms/URI
Syntax Encoding Scheme:							
Occurrence	mandatory						
Choose from	http://purl.org/dc/terms/URI						

For example:

```
Statement (
  Property URI ( dc:identifier )
  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 )
      Value String ( "http://eprints.bath.ac.uk/archive/00(
        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>						
Value (Literal)	<table><tr><th colspan="2">Syntax Encoding Scheme:</th></tr><tr><td>Occurrence</td><td>mandatory</td></tr><tr><td>Choose from</td><td>http://purl.org/dc/terms/W3CDTF</td></tr></table>	Syntax Encoding Scheme:		Occurrence	mandatory	Choose from	http://purl.org/dc/terms/W3CDTF
Syntax Encoding Scheme:							
Occurrence	mandatory						
Choose from	http://purl.org/dc/terms/W3CDTF						

For example:

```
Statement (
  Property URI ( dcterms:available )
  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 <i>value URI</i> taken from the Eprints Status Vocabulary Encoding Scheme : http://purl.org/eprint/status/PeerReviewed or http://purl.org/eprint/status/NonPeerReviewed .																								
Value (Non-Literal)	<table><tr><th colspan="2">Value URI Constraint:</th></tr><tr><td>Occurrence</td><td>mandatory</td></tr><tr><td>Choose from:</td><td>http://purl.org/eprint/status/PeerReviewed http://purl.org/eprint/status/NonPeerReviewed</td></tr></table> <table><tr><th colspan="2">Vocabulary Encoding Scheme Constraint</th></tr><tr><td>Occurrence:</td><td>mandatory</td></tr><tr><td>Choose from:</td><td>http://purl.org/eprint/status/</td></tr></table> <table><tr><th colspan="2">Value String Constraint:</th></tr><tr><td>Max occurrence</td><td>0</td></tr><tr><td colspan="2"><i>Syntax Encoding Syntax Constraint:</i></td></tr><tr><td>Occurrence:</td><td>disallowed</td></tr><tr><td colspan="2"><i>Language Constraint:</i></td></tr><tr><td>Occurrence</td><td>disallowed</td></tr></table>	Value URI Constraint:		Occurrence	mandatory	Choose from:	http://purl.org/eprint/status/PeerReviewed http://purl.org/eprint/status/NonPeerReviewed	Vocabulary Encoding Scheme Constraint		Occurrence:	mandatory	Choose from:	http://purl.org/eprint/status/	Value String Constraint:		Max occurrence	0	<i>Syntax Encoding Syntax Constraint:</i>		Occurrence:	disallowed	<i>Language Constraint:</i>		Occurrence	disallowed
Value URI Constraint:																									
Occurrence	mandatory																								
Choose from:	http://purl.org/eprint/status/PeerReviewed http://purl.org/eprint/status/NonPeerReviewed																								
Vocabulary Encoding Scheme Constraint																									
Occurrence:	mandatory																								
Choose from:	http://purl.org/eprint/status/																								
Value String Constraint:																									
Max occurrence	0																								
<i>Syntax Encoding Syntax Constraint:</i>																									
Occurrence:	disallowed																								
<i>Language Constraint:</i>																									
Occurrence	disallowed																								

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 )
  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 (Non-Literal)	<table border="1"> <tr><td colspan="2">Value URI Constraint:</td></tr> <tr> <td>Occurrence</td><td>disallowed</td></tr> <tr> <td>Choose from:</td><td></td></tr> </table> <table border="1"> <tr><td colspan="2">Vocabulary Encoding Scheme Constraint</td></tr> <tr> <td>Occurrence:</td><td>disallowed</td></tr> <tr> <td>Choose from:</td><td></td></tr> </table> <table border="1"> <tr><td colspan="2">Value String Constraint:</td></tr> <tr> <td>Max occurrence</td><td>1</td></tr> <tr><td colspan="2"><i>Syntax Encoding Syntax Constraint:</i></td></tr> <tr> <td>Occurrence:</td><td>mandatory</td></tr> <tr> <td>Option:</td><td>http://purl.org/dc/terms/RFC3066</td></tr> <tr><td colspan="2"><i>Language Constraint:</i></td></tr> <tr> <td>Occurrence</td><td>disallowed</td></tr> </table>	Value URI Constraint:		Occurrence	disallowed	Choose from:		Vocabulary Encoding Scheme Constraint		Occurrence:	disallowed	Choose from:		Value String Constraint:		Max occurrence	1	<i>Syntax Encoding Syntax Constraint:</i>		Occurrence:	mandatory	Option:	http://purl.org/dc/terms/RFC3066	<i>Language Constraint:</i>		Occurrence	disallowed
Value URI Constraint:																											
Occurrence	disallowed																										
Choose from:																											
Vocabulary Encoding Scheme Constraint																											
Occurrence:	disallowed																										
Choose from:																											
Value String Constraint:																											
Max occurrence	1																										
<i>Syntax Encoding Syntax Constraint:</i>																											
Occurrence:	mandatory																										
Option:	http://purl.org/dc/terms/RFC3066																										
<i>Language Constraint:</i>																											
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 recommendation	<p>The type of the described expression of the eprint.</p> <p>Recommended best practice is to provide a value URI for a class from the Eprints Type Vocabulary Encoding Scheme.</p>																						
Value (Non-Literal)	<table><tr><th colspan="2">Value URI Constraint:</th></tr><tr><td>Occurrence</td><td>mandatory</td></tr><tr><td>Choose from:</td><td><ul style="list-style-type: none">http://purl.org/eprint/type/ScholarlyTexthttp://purl.org/eprint/type/Bookhttp://purl.org/eprint/type/BookItemhttp://purl.org/eprint/type/BookReviewhttp://purl.org/eprint/type/ConferenceItemhttp://purl.org/eprint/type/ConferencePaperhttp://purl.org/eprint/type/ConferencePosterhttp://purl.org/eprint/type/JournalItemhttp://purl.org/eprint/type/JournalArticlehttp://purl.org/eprint/type/NewsItemhttp://purl.org/eprint/type/Patenthttp://purl.org/eprint/type/Reporthttp://purl.org/eprint/type/SubmittedJournalArticlehttp://purl.org/eprint/type/Thesishttp://purl.org/eprint/type/WorkingPaper</td></tr></table> <table><tr><th colspan="2">Vocabulary Encoding Scheme Constraint</th></tr><tr><td>Occurrence:</td><td>mandatory</td></tr><tr><td>Choose from:</td><td>http://purl.org/eprint/type/</td></tr></table> <table><tr><th colspan="2">Value String Constraint:</th></tr><tr><td>Max occurrence</td><td>0</td></tr><tr><td colspan="2">Syntax Encoding Syntax Constraint:</td></tr><tr><td>Occurrence:</td><td>disallowed</td></tr><tr><td colspan="2">Language Constraint:</td></tr></table>	Value URI Constraint:		Occurrence	mandatory	Choose from:	<ul style="list-style-type: none">http://purl.org/eprint/type/ScholarlyTexthttp://purl.org/eprint/type/Bookhttp://purl.org/eprint/type/BookItemhttp://purl.org/eprint/type/BookReviewhttp://purl.org/eprint/type/ConferenceItemhttp://purl.org/eprint/type/ConferencePaperhttp://purl.org/eprint/type/ConferencePosterhttp://purl.org/eprint/type/JournalItemhttp://purl.org/eprint/type/JournalArticlehttp://purl.org/eprint/type/NewsItemhttp://purl.org/eprint/type/Patenthttp://purl.org/eprint/type/Reporthttp://purl.org/eprint/type/SubmittedJournalArticlehttp://purl.org/eprint/type/Thesishttp://purl.org/eprint/type/WorkingPaper	Vocabulary Encoding Scheme Constraint		Occurrence:	mandatory	Choose from:	http://purl.org/eprint/type/	Value String Constraint:		Max occurrence	0	Syntax Encoding Syntax Constraint:		Occurrence:	disallowed	Language Constraint:	
Value URI Constraint:																							
Occurrence	mandatory																						
Choose from:	<ul style="list-style-type: none">http://purl.org/eprint/type/ScholarlyTexthttp://purl.org/eprint/type/Bookhttp://purl.org/eprint/type/BookItemhttp://purl.org/eprint/type/BookReviewhttp://purl.org/eprint/type/ConferenceItemhttp://purl.org/eprint/type/ConferencePaperhttp://purl.org/eprint/type/ConferencePosterhttp://purl.org/eprint/type/JournalItemhttp://purl.org/eprint/type/JournalArticlehttp://purl.org/eprint/type/NewsItemhttp://purl.org/eprint/type/Patenthttp://purl.org/eprint/type/Reporthttp://purl.org/eprint/type/SubmittedJournalArticlehttp://purl.org/eprint/type/Thesishttp://purl.org/eprint/type/WorkingPaper																						
Vocabulary Encoding Scheme Constraint																							
Occurrence:	mandatory																						
Choose from:	http://purl.org/eprint/type/																						
Value String Constraint:																							
Max occurrence	0																						
Syntax Encoding Syntax Constraint:																							
Occurrence:	disallowed																						
Language Constraint:																							

	<table><tr><td>Occurrence</td><td>disallowed</td></tr></table>	Occurrence	disallowed	
Occurrence	disallowed			

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.																		
Eprint-specific recommendation	<p>A person or organization owning copyright in the eprint.</p> <p>Use this <i>property</i> to provide the copyright holder's name and/or the URI of the copyright holder and/or to link to a <i>related description</i> (with the <i>description set</i>) about the copyright holder.</p> <p>Where a name is provided, see A note about the form of personal and organisational names used in value strings.</p>																		
Value (Non-Literal)	<p>Description: agent</p> <table><tr><td colspan="2">Vocabulary Encoding Scheme Constraint</td></tr><tr><td>Occurrence:</td><td>optional</td></tr><tr><td>Choose from:</td><td> http://authorities.loc.gov/</td></tr></table> <table><tr><td colspan="2">Value String Constraint:</td></tr><tr><td>Max occurrence</td><td>1</td></tr><tr><td colspan="2"><i>Syntax Encoding Syntax Constraint:</i></td></tr><tr><td>Occurrence:</td><td>disallowed</td></tr><tr><td colspan="2"><i>Language Constraint:</i></td></tr><tr><td>Occurrence</td><td>optional</td></tr></table>	Vocabulary Encoding Scheme Constraint		Occurrence:	optional	Choose from:	 http://authorities.loc.gov/	Value String Constraint:		Max occurrence	1	<i>Syntax Encoding Syntax Constraint:</i>		Occurrence:	disallowed	<i>Language Constraint:</i>		Occurrence	optional
Vocabulary Encoding Scheme Constraint																			
Occurrence:	optional																		
Choose from:	 http://authorities.loc.gov/																		
Value String Constraint:																			
Max occurrence	1																		
<i>Syntax Encoding Syntax Constraint:</i>																			
Occurrence:	disallowed																		
<i>Language Constraint:</i>																			
Occurrence	optional																		

For example:

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

```
        DescriptionRef ( 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.																
Value (Non-Literal)	Description: expression <table border="1"><tr><td colspan="2">Vocabulary Encoding Scheme Constraint</td></tr><tr><td>Occurrence:</td><td>disallowed</td></tr></table> <table border="1"><tr><td colspan="2">Value String Constraint:</td></tr><tr><td>Max occurrence</td><td>0</td></tr><tr><td colspan="2"><i>Syntax Encoding Syntax Constraint:</i></td></tr><tr><td>Occurrence:</td><td>disallowed</td></tr><tr><td colspan="2"><i>Language Constraint:</i></td></tr><tr><td>Occurrence</td><td>disallowed</td></tr></table>	Vocabulary Encoding Scheme Constraint		Occurrence:	disallowed	Value String Constraint:		Max occurrence	0	<i>Syntax Encoding Syntax Constraint:</i>		Occurrence:	disallowed	<i>Language Constraint:</i>		Occurrence	disallowed
Vocabulary Encoding Scheme Constraint																	
Occurrence:	disallowed																
Value String Constraint:																	
Max occurrence	0																
<i>Syntax Encoding Syntax Constraint:</i>																	
Occurrence:	disallowed																
<i>Language Constraint:</i>																	
Occurrence	disallowed																

For example:

```
Statement (
    Property URI ( dcterms:hasVersion )
    DescriptionRef ( 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 <i>description set</i>) about the translated expression.

Value (Non-Literal)	Description: expression	
	Vocabulary Encoding Scheme Constraint	
	Occurrence:	disallowed
	Value String Constraint:	
	Max occurrence	0
	<i>Syntax Encoding Syntax Constraint:</i>	
	Occurrence:	disallowed
	<i>Language Constraint:</i>	
	Occurrence	disallowed

For example:

```
Statement (
  Property URI ( eprint:hasTranslation )
  DescriptionRef ( 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 <i>property</i> 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.						
Value (Literal)	<table> <tr> <th colspan="2">Syntax Encoding Scheme:</th></tr> <tr> <td>Occurrence</td><td>optional</td></tr> <tr> <td>Choose from</td><td>info:ofi/fmt:kev:mtx:</td></tr> </table>	Syntax Encoding Scheme:		Occurrence	optional	Choose from	info:ofi/fmt:kev:mtx:
Syntax Encoding Scheme:							
Occurrence	optional						
Choose from	info:ofi/fmt:kev:mtx:						

For example:

```
Statement (
  Property URI ( dcterms:bibliographicCitation )
  Value String ( "Library and Information Science Research 22(3
  Value String ( "&ctx_ver=Z39.88-2004&rft_val_fmt=info%3Aofi%2
```

```
&rft.jtitle=Library+and+Information+Science+Research&rft.
&rft.volume=22&rft.issue=3&rft.spag=311
&rft_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 (Non-Literal)	<table border="1"> <tr> <td colspan="2">Value URI Constraint:</td></tr> <tr> <td>Occurrence</td><td>optional</td></tr> </table> <table border="1"> <tr> <td colspan="2">Vocabulary Encoding Scheme Constraint</td></tr> <tr> <td>Occurrence:</td><td>disallowed</td></tr> </table> <table border="1"> <tr> <td colspan="2">Value String Constraint:</td></tr> <tr> <td>Max occurrence</td><td>2</td></tr> <tr> <td colspan="2"><i>Syntax Encoding Syntax Constraint:</i></td></tr> <tr> <td>Occurrence:</td><td>optional</td></tr> <tr> <td>Option:</td><td>info:ofi/fmt:kev:mtx:</td></tr> <tr> <td colspan="2"><i>Language Constraint:</i></td></tr> <tr> <td>Occurrence</td><td>disallowed</td></tr> </table>	Value URI Constraint:		Occurrence	optional	Vocabulary Encoding Scheme Constraint		Occurrence:	disallowed	Value String Constraint:		Max occurrence	2	<i>Syntax Encoding Syntax Constraint:</i>		Occurrence:	optional	Option:	info:ofi/fmt:kev:mtx:	<i>Language Constraint:</i>		Occurrence	disallowed
Value URI Constraint:																							
Occurrence	optional																						
Vocabulary Encoding Scheme Constraint																							
Occurrence:	disallowed																						
Value String Constraint:																							
Max occurrence	2																						
<i>Syntax Encoding Syntax Constraint:</i>																							
Occurrence:	optional																						
Option:	info:ofi/fmt:kev:mtx:																						
<i>Language Constraint:</i>																							
Occurrence	disallowed																						

For example:

```
Statement (
  Property URI ( dcterms:references )
  Value String ( "Heery, R. (2000). \"Information gateways: col
    Online Information Review, 24 (1), 40-45.\" )
  Value String ( "&ctx_ver=Z39.88-2004&rft_val_fmt=info%3Aofi%2
```





```
&rft.jtitle=Online+Information+Review&rft.volume=24&rft.i
&rft.epage=45&rft.aufirst=Rachel&rft.aulast=Heery&rft.dat
&rfr_id=info%3Asid%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.																		
Eprint-specific recommendation	<p>A person or organisation that prepares the described expression of the eprint for publication.</p> <p>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.</p> <p>Where a name is provided, see A note about the form of personal and organisational names used in value strings.</p>																		
Value (Non-Literal)	<p>Description: agent</p> <table border="1"><thead><tr><th colspan="2">Vocabulary Encoding Scheme Constraint</th></tr></thead><tbody><tr><td>Occurrence:</td><td>optional</td></tr><tr><td>Choose from:</td><td> http://authorities.loc.gov/</td></tr></tbody></table> <table border="1"><thead><tr><th colspan="2">Value String Constraint:</th></tr></thead><tbody><tr><td>Max occurrence</td><td>1</td></tr><tr><td colspan="2"><i>Syntax Encoding Syntax Constraint:</i></td></tr><tr><td>Occurrence:</td><td>disallowed</td></tr><tr><td colspan="2"><i>Language Constraint:</i></td></tr><tr><td>Occurrence</td><td>optional</td></tr></tbody></table>	Vocabulary Encoding Scheme Constraint		Occurrence:	optional	Choose from:	 http://authorities.loc.gov/	Value String Constraint:		Max occurrence	1	<i>Syntax Encoding Syntax Constraint:</i>		Occurrence:	disallowed	<i>Language Constraint:</i>		Occurrence	optional
Vocabulary Encoding Scheme Constraint																			
Occurrence:	optional																		
Choose from:	 http://authorities.loc.gov/																		
Value String Constraint:																			
Max occurrence	1																		
<i>Syntax Encoding Syntax Constraint:</i>																			
Occurrence:	disallowed																		
<i>Language Constraint:</i>																			
Occurrence	optional																		

For example:

```
Statement (
```


```
  Property URI ( marcrel:EDT )
```

```
  Value String ( "Day, Michael" )
```

```
  DescriptionRef ( 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>																
Value (Non-Literal)	<p>Description: manifestation</p> <table border="1"> <tr> <th colspan="2">Vocabulary Encoding Scheme Constraint</th></tr> <tr> <td>Occurrence:</td><td>disallowed</td></tr> </table> <table border="1"> <tr> <th colspan="2">Value String Constraint:</th></tr> <tr> <td>Max occurrence</td><td>0</td></tr> <tr> <td colspan="2"><i>Syntax Encoding Syntax Constraint:</i></td></tr> <tr> <td>Occurrence:</td><td>disallowed</td></tr> <tr> <td colspan="2"><i>Language Constraint:</i></td></tr> <tr> <td>Occurrence</td><td>disallowed</td></tr> </table>	Vocabulary Encoding Scheme Constraint		Occurrence:	disallowed	Value String Constraint:		Max occurrence	0	<i>Syntax Encoding Syntax Constraint:</i>		Occurrence:	disallowed	<i>Language Constraint:</i>		Occurrence	disallowed
Vocabulary Encoding Scheme Constraint																	
Occurrence:	disallowed																
Value String Constraint:																	
Max occurrence	0																
<i>Syntax Encoding Syntax Constraint:</i>																	
Occurrence:	disallowed																
<i>Language Constraint:</i>																	
Occurrence	disallowed																








For example:

```
Statement (
  Property URI ( eprint:isManifestedAs )
  DescriptionRef ( 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 <i>descriptions</i> in the <i>description sets</i> conforming with this application profile will need to be explicitly typed. This is done using a <i>dc:type statement</i> with one of the following <i>value URIs</i> taken from the  Eprints EntityType Vocabulary Encoding Scheme corresponding to the entity being described.																								
Value (Non-Literal)	<table border="1"> <tr> <th colspan="2">Value URI Constraint:</th></tr> <tr> <td>Occurrence</td><td>mandatory</td></tr> <tr> <td>Choose from:</td><td> http://purl.org/eprint/entityType/Manifestation/</td></tr> </table> <table border="1"> <tr> <th colspan="2">Vocabulary Encoding Scheme Constraint</th></tr> <tr> <td>Occurrence:</td><td>mandatory</td></tr> <tr> <td>Choose from:</td><td> http://purl.org/eprint/entityType/</td></tr> </table> <table border="1"> <tr> <th colspan="2">Value String Constraint:</th></tr> <tr> <td>Max occurrence</td><td>0</td></tr> <tr> <td colspan="2"><i>Syntax Encoding Syntax Constraint:</i></td></tr> <tr> <td>Occurrence:</td><td>disallowed</td></tr> <tr> <td colspan="2"><i>Language Constraint:</i></td></tr> <tr> <td>Occurrence</td><td>disallowed</td></tr> </table>	Value URI Constraint:		Occurrence	mandatory	Choose from:	 http://purl.org/eprint/entityType/Manifestation/	Vocabulary Encoding Scheme Constraint		Occurrence:	mandatory	Choose from:	 http://purl.org/eprint/entityType/	Value String Constraint:		Max occurrence	0	<i>Syntax Encoding Syntax Constraint:</i>		Occurrence:	disallowed	<i>Language Constraint:</i>		Occurrence	disallowed
Value URI Constraint:																									
Occurrence	mandatory																								
Choose from:	 http://purl.org/eprint/entityType/Manifestation/																								
Vocabulary Encoding Scheme Constraint																									
Occurrence:	mandatory																								
Choose from:	 http://purl.org/eprint/entityType/																								
Value String Constraint:																									
Max occurrence	0																								
<i>Syntax Encoding Syntax Constraint:</i>																									
Occurrence:	disallowed																								
<i>Language Constraint:</i>																									
Occurrence	disallowed																								

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	The media-type of the described manifestation of an expression of the eprint.

	Recommended best practice is to select a <i>value string</i> from the IANA registered list of Internet Media Types (MIME types).																						
Value (Non-Literal)	<table><tr><td colspan="2">Value URI Constraint:</td></tr><tr><td>Occurrence</td><td>disallowed</td></tr><tr><td colspan="2">Vocabulary Encoding Scheme Constraint</td></tr><tr><td>Occurrence:</td><td>disallowed</td></tr><tr><td colspan="2">Value String Constraint:</td></tr><tr><td>Max occurrence</td><td>1</td></tr><tr><td colspan="2"><i>Syntax Encoding Syntax Constraint:</i></td></tr><tr><td>Occurrence:</td><td>mandatory</td></tr><tr><td>Option:</td><td> http://purl.org/dc/terms/IMT</td></tr><tr><td colspan="2"><i>Language Constraint:</i></td></tr><tr><td>Occurrence</td><td>disallowed</td></tr></table>	Value URI Constraint:		Occurrence	disallowed	Vocabulary Encoding Scheme Constraint		Occurrence:	disallowed	Value String Constraint:		Max occurrence	1	<i>Syntax Encoding Syntax Constraint:</i>		Occurrence:	mandatory	Option:	 http://purl.org/dc/terms/IMT	<i>Language Constraint:</i>		Occurrence	disallowed
Value URI Constraint:																							
Occurrence	disallowed																						
Vocabulary Encoding Scheme Constraint																							
Occurrence:	disallowed																						
Value String Constraint:																							
Max occurrence	1																						
<i>Syntax Encoding Syntax Constraint:</i>																							
Occurrence:	mandatory																						
Option:	 http://purl.org/dc/terms/IMT																						
<i>Language Constraint:</i>																							
Occurrence	disallowed																						

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 <i>value string</i> to provide the date, formatted according to the W3C Date Time Format (W3CDTF) specification.						
Value (Literal)	<table><tr><td colspan="2">Syntax Encoding Scheme:</td></tr><tr><td>Occurrence</td><td>mandatory</td></tr><tr><td>Choose from</td><td> http://purl.org/dc/terms/W3CDTF</td></tr></table>	Syntax Encoding Scheme:		Occurrence	mandatory	Choose from	 http://purl.org/dc/terms/W3CDTF
Syntax Encoding Scheme:							
Occurrence	mandatory						
Choose from	 http://purl.org/dc/terms/W3CDTF						





For example:

```

Statement (
  Property URI ( dcterms:modified )
  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	<p>The publisher of the described manifestation of an expression of the eprint, typically either the author's institution or a commercial publisher.</p> <p>Use this <i>property</i> to provide the publisher's name and/or the URI of the publisher and/or to link to a <i>related description</i> (with the <i>description set</i>) about the publisher.</p>																		
Value (Non-Literal)	<p>Description: agent</p> <table border="1"> <tr> <th colspan="2">Vocabulary Encoding Scheme Constraint</th></tr> <tr> <td>Occurrence:</td><td>optional</td></tr> <tr> <td>Choose from:</td><td> http://authorities.loc.gov/</td></tr> </table> <table border="1"> <tr> <th colspan="2">Value String Constraint:</th></tr> <tr> <td>Max occurrence</td><td>1</td></tr> <tr> <td colspan="2"><i>Syntax Encoding Syntax Constraint:</i></td></tr> <tr> <td>Occurrence:</td><td>disallowed</td></tr> <tr> <td colspan="2"><i>Language Constraint:</i></td></tr> <tr> <td>Occurrence</td><td>optional</td></tr> </table>	Vocabulary Encoding Scheme Constraint		Occurrence:	optional	Choose from:	 http://authorities.loc.gov/	Value String Constraint:		Max occurrence	1	<i>Syntax Encoding Syntax Constraint:</i>		Occurrence:	disallowed	<i>Language Constraint:</i>		Occurrence	optional
Vocabulary Encoding Scheme Constraint																			
Occurrence:	optional																		
Choose from:	 http://authorities.loc.gov/																		
Value String Constraint:																			
Max occurrence	1																		
<i>Syntax Encoding Syntax Constraint:</i>																			
Occurrence:	disallowed																		
<i>Language Constraint:</i>																			
Occurrence	optional																		

For example:

```

Statement (
  Property URI ( dc:publisher )
  Value String ( "Springer" )
  DescriptionRef ( 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>																
Value (Non-Literal)	<p>Description: copy</p> <table><tr><td colspan="2">Vocabulary Encoding Scheme Constraint</td></tr><tr><td>Occurrence:</td><td>disallowed</td></tr></table> <table><tr><td colspan="2">Value String Constraint:</td></tr><tr><td>Max occurrence</td><td>0</td></tr><tr><td colspan="2"><i>Syntax Encoding Syntax Constraint:</i></td></tr><tr><td>Occurrence:</td><td>disallowed</td></tr><tr><td colspan="2"><i>Language Constraint:</i></td></tr><tr><td>Occurrence</td><td>disallowed</td></tr></table>	Vocabulary Encoding Scheme Constraint		Occurrence:	disallowed	Value String Constraint:		Max occurrence	0	<i>Syntax Encoding Syntax Constraint:</i>		Occurrence:	disallowed	<i>Language Constraint:</i>		Occurrence	disallowed
Vocabulary Encoding Scheme Constraint																	
Occurrence:	disallowed																
Value String Constraint:																	
Max occurrence	0																
<i>Syntax Encoding Syntax Constraint:</i>																	
Occurrence:	disallowed																
<i>Language Constraint:</i>																	
Occurrence	disallowed																








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 <i>descriptions</i> in the <i>description sets</i> conforming with this application profile will need to be explicitly typed. This is done using a <i>dc:type statement</i> with one of the following <i>value URIs</i> taken from the  Eprints EntityType Vocabulary Encoding Scheme corresponding to the entity being described.																								
Value (Non-Literal)	<table border="1"> <tr><th colspan="2">Value URI Constraint:</th></tr> <tr> <td>Occurrence</td><td>mandatory</td></tr> <tr> <td>Choose from:</td><td> http://purl.org/eprint/entityType/Copy/</td></tr> </table> <table border="1"> <tr><th colspan="2">Vocabulary Encoding Scheme Constraint</th></tr> <tr> <td>Occurrence:</td><td>mandatory</td></tr> <tr> <td>Choose from:</td><td> http://purl.org/eprint/entityType/</td></tr> </table> <table border="1"> <tr><th colspan="2">Value String Constraint:</th></tr> <tr> <td>Max occurrence</td><td>0</td></tr> <tr> <td colspan="2"><i>Syntax Encoding Syntax Constraint:</i></td></tr> <tr> <td>Occurrence:</td><td>disallowed</td></tr> <tr> <td colspan="2"><i>Language Constraint:</i></td></tr> <tr> <td>Occurrence</td><td>disallowed</td></tr> </table>	Value URI Constraint:		Occurrence	mandatory	Choose from:	 http://purl.org/eprint/entityType/Copy/	Vocabulary Encoding Scheme Constraint		Occurrence:	mandatory	Choose from:	 http://purl.org/eprint/entityType/	Value String Constraint:		Max occurrence	0	<i>Syntax Encoding Syntax Constraint:</i>		Occurrence:	disallowed	<i>Language Constraint:</i>		Occurrence	disallowed
Value URI Constraint:																									
Occurrence	mandatory																								
Choose from:	 http://purl.org/eprint/entityType/Copy/																								
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Occurrence:	mandatory																								
Choose from:	 http://purl.org/eprint/entityType/																								
Value String Constraint:																									
Max occurrence	0																								
<i>Syntax Encoding Syntax Constraint:</i>																									
Occurrence:	disallowed																								
<i>Language Constraint:</i>																									
Occurrence	disallowed																								



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 (Non-Literal)	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
	Vocabulary Encoding Scheme Constraint	
	Occurrence:	mandatory
	Choose from:	http://purl.org/eprint/accessRights/
	Value String Constraint:	
	Max occurrence	0
	<i>Syntax Encoding Syntax Constraint:</i>	
	Occurrence:	disallowed
	<i>Language Constraint:</i>	
	Occurrence	disallowed


For example:

```

Statement (
  Property URI ( dcterms: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 (Non-Literal)	<table><tr><td colspan="2">Value URI Constraint:</td></tr><tr><td>Occurrence</td><td>mandatory</td></tr></table> <table><tr><td colspan="2">Vocabulary Encoding Scheme Constraint</td></tr><tr><td>Occurrence:</td><td>disallowed</td></tr></table>	Value URI Constraint:		Occurrence	mandatory	Vocabulary Encoding Scheme Constraint		Occurrence:	disallowed
Value URI Constraint:									
Occurrence	mandatory								
Vocabulary Encoding Scheme Constraint									
Occurrence:	disallowed								

Value String Constraint:	
Max occurrence	0
<i>Syntax Encoding Syntax Constraint:</i>	
Occurrence:	disallowed
<i>Language Constraint:</i>	
Occurrence	disallowed

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	The date that the described copy of a manifestation of an expression of the eprint will become or did become public. Use a <i>value string</i> to provide the date, formatted according to the W3C Date Time Format (W3CDTF) specification.						
Value (Literal)	<table> <tr> <th colspan="2">Syntax Encoding Scheme:</th></tr> <tr> <td>Occurrence</td><td>mandatory</td></tr> <tr> <td>Choose from</td><td>http://purl.org/dc/terms/W3CDTF</td></tr> </table>	Syntax Encoding Scheme:		Occurrence	mandatory	Choose from	http://purl.org/dc/terms/W3CDTF
Syntax Encoding Scheme:							
Occurrence	mandatory						
Choose from	http://purl.org/dc/terms/W3CDTF						

For example:

```
Statement (
  Property URI ( dcterms:available )
  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 (Non-Literal)	<table><tr><td colspan="2">Value URI Constraint:</td></tr><tr><td>Occurrence</td><td>mandatory</td></tr></table> <table><tr><td colspan="2">Vocabulary Encoding Scheme Constraint</td></tr><tr><td>Occurrence:</td><td>disallowed</td></tr></table> <table><tr><td colspan="2">Value String Constraint:</td></tr><tr><td>Max occurrence</td><td>1</td></tr><tr><td colspan="2"><i>Syntax Encoding Syntax Constraint:</i></td></tr><tr><td>Occurrence:</td><td>optional</td></tr><tr><td colspan="2"><i>Language Constraint:</i></td></tr><tr><td>Occurrence</td><td>optional</td></tr></table>	Value URI Constraint:		Occurrence	mandatory	Vocabulary Encoding Scheme Constraint		Occurrence:	disallowed	Value String Constraint:		Max occurrence	1	<i>Syntax Encoding Syntax Constraint:</i>		Occurrence:	optional	<i>Language Constraint:</i>		Occurrence	optional
Value URI Constraint:																					
Occurrence	mandatory																				
Vocabulary Encoding Scheme Constraint																					
Occurrence:	disallowed																				
Value String Constraint:																					
Max occurrence	1																				
<i>Syntax Encoding Syntax Constraint:</i>																					
Occurrence:	optional																				
<i>Language Constraint:</i>																					
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 <i>descriptions</i> in the <i>description sets</i> conforming with this application profile will need to be explicitly typed. This is done using a <i>dc:type statement</i> with one of the following <i>value URIs</i> taken from the  Eprints EntityType Vocabulary Encoding Scheme corresponding to the entity being described.																								
Value (Non-Literal)	<table border="1"> <tr> <th colspan="2">Value URI Constraint:</th></tr> <tr> <td>Occurrence</td><td>mandatory</td></tr> <tr> <td>Choose from:</td><td>  http://purl.org/eprint/entityType/Person/  http://purl.org/eprint/entityType/Organization/ </td></tr> </table> <table border="1"> <tr> <th colspan="2">Vocabulary Encoding Scheme Constraint</th></tr> <tr> <td>Occurrence:</td><td>mandatory</td></tr> <tr> <td>Choose from:</td><td> http://purl.org/eprint/entityType/</td></tr> </table> <table border="1"> <tr> <th colspan="2">Value String Constraint:</th></tr> <tr> <td>Max occurrence</td><td>0</td></tr> <tr> <td colspan="2"><i>Syntax Encoding Syntax Constraint:</i></td></tr> <tr> <td>Occurrence:</td><td>disallowed</td></tr> <tr> <td colspan="2"><i>Language Constraint:</i></td></tr> <tr> <td>Occurrence</td><td>disallowed</td></tr> </table>	Value URI Constraint:		Occurrence	mandatory	Choose from:	 http://purl.org/eprint/entityType/Person/  http://purl.org/eprint/entityType/Organization/	Vocabulary Encoding Scheme Constraint		Occurrence:	mandatory	Choose from:	 http://purl.org/eprint/entityType/	Value String Constraint:		Max occurrence	0	<i>Syntax Encoding Syntax Constraint:</i>		Occurrence:	disallowed	<i>Language Constraint:</i>		Occurrence	disallowed
Value URI Constraint:																									
Occurrence	mandatory																								
Choose from:	 http://purl.org/eprint/entityType/Person/  http://purl.org/eprint/entityType/Organization/																								
Vocabulary Encoding Scheme Constraint																									
Occurrence:	mandatory																								
Choose from:	 http://purl.org/eprint/entityType/																								
Value String Constraint:																									
Max occurrence	0																								
<i>Syntax Encoding Syntax Constraint:</i>																									
Occurrence:	disallowed																								
<i>Language Constraint:</i>																									
Occurrence	disallowed																								

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.
Eprint-specific recommendation	<p>A name for the agent (person or organisation).</p> <p>In general, use foaf:family_name and foaf:givenname for describing persons and foaf:name for describing organisations.</p> <p>Where a name is provided, see A note about the form of personal and organisational names used in value strings.</p>

For example:

```
Statement (  
    Property URI ( foaf:name )  
    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.
Eprint-specific recommendation	<p>The family name of a person.</p> <p>In general, use foaf:family_name and foaf:givenname for describing persons and foaf:name for describing organisations.</p>

For example:

```
Statement (  
    Property URI ( foaf:family_name )  
    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	<p>The given name of a person.</p> <p>In general, use foaf:family_name and foaf:givenname for describing persons and foaf:name for describing organisations.</p>

For example:

```
Statement (  
  Property URI ( foaf:givenname )  
  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	<p>The homepage of the organisation for which the author of the eprint works.</p> <p>Use this <i>property</i> to provide the URI of the organisational homepage as a <i>value URI</i>.</p>																				
Value (Non-Literal)	<table><tr><td colspan="2">Value URI Constraint:</td></tr><tr><td>Occurrence</td><td>mandatory</td></tr></table> <table><tr><td colspan="2">Vocabulary Encoding Scheme Constraint</td></tr><tr><td>Occurrence:</td><td>disallowed</td></tr></table> <table><tr><td colspan="2">Value String Constraint:</td></tr><tr><td>Max occurrence</td><td>0</td></tr><tr><td colspan="2"><i>Syntax Encoding Syntax Constraint:</i></td></tr><tr><td>Occurrence:</td><td>disallowed</td></tr><tr><td colspan="2"><i>Language Constraint:</i></td></tr><tr><td>Occurrence</td><td>disallowed</td></tr></table>	Value URI Constraint:		Occurrence	mandatory	Vocabulary Encoding Scheme Constraint		Occurrence:	disallowed	Value String Constraint:		Max occurrence	0	<i>Syntax Encoding Syntax Constraint:</i>		Occurrence:	disallowed	<i>Language Constraint:</i>		Occurrence	disallowed
Value URI Constraint:																					
Occurrence	mandatory																				
Vocabulary Encoding Scheme Constraint																					
Occurrence:	disallowed																				
Value String Constraint:																					
Max occurrence	0																				
<i>Syntax Encoding Syntax Constraint:</i>																					
Occurrence:	disallowed																				
<i>Language Constraint:</i>																					
Occurrence	disallowed																				

For example:

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


Mailbox

Property	 http://xmlns.com/foaf/0.1/mbox																				
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:mbox.																				
Eprint-specific recommendation	A mailbox associated with a person, formatted as a 'mailto' URI.																				
Value (Non-Literal)	<table border="1"> <tr><td colspan="2">Value URI Constraint:</td></tr> <tr> <td>Occurrence</td><td>mandatory</td></tr> </table> <table border="1"> <tr><td colspan="2">Vocabulary Encoding Scheme Constraint</td></tr> <tr> <td>Occurrence:</td><td>disallowed</td></tr> </table> <table border="1"> <tr><td colspan="2">Value String Constraint:</td></tr> <tr> <td>Max occurrence</td><td>0</td></tr> <tr><td colspan="2"><i>Syntax Encoding Syntax Constraint:</i></td></tr> <tr> <td>Occurrence:</td><td>disallowed</td></tr> <tr><td colspan="2"><i>Language Constraint:</i></td></tr> <tr> <td>Occurrence</td><td>disallowed</td></tr> </table>	Value URI Constraint:		Occurrence	mandatory	Vocabulary Encoding Scheme Constraint		Occurrence:	disallowed	Value String Constraint:		Max occurrence	0	<i>Syntax Encoding Syntax Constraint:</i>		Occurrence:	disallowed	<i>Language Constraint:</i>		Occurrence	disallowed
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Occurrence	mandatory																				
Vocabulary Encoding Scheme Constraint																					
Occurrence:	disallowed																				
Value String Constraint:																					
Max occurrence	0																				
<i>Syntax Encoding Syntax Constraint:</i>																					
Occurrence:	disallowed																				
<i>Language Constraint:</i>																					
Occurrence	disallowed																				

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 <i>value URI</i> .				
Value (Non-Literal)	<table border="1"> <tr><td colspan="2">Value URI Constraint:</td></tr> <tr> <td>Occurrence</td><td>mandatory</td></tr> </table>	Value URI Constraint:		Occurrence	mandatory
Value URI Constraint:					
Occurrence	mandatory				







Vocabulary Encoding Scheme Constraint	
Occurrence:	disallowed
Value String Constraint:	
Max occurrence	0
<i>Syntax Encoding Syntax Constraint:</i>	
Occurrence:	disallowed
<i>Language Constraint:</i>	
Occurrence	disallowed

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 Comput
)
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 Eprints Application Profile to Simple DC



http://www.ukoln.ac.uk/repositories/digirep/index/Mapping_the_Eprints_Application_Profile_to_Simple_DC [the Eprints 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 dumb-downed 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/ScholarlyArticle/> )
    )
    Statement (
      Property URI ( dc:title )
      Value String ( "Attempts to detect retrotranspositional
        repeats at specific loci in the human genome" )
    )
    Statement (
      Property URI ( dcterms:abstract )
      Value String ( "Dispersed repeat elements contribute
        recombination between repeats. To study the dynamic
        single DNA molecule approaches to detect de novo
        deletions at two different loci in human genomic
        approaches could detect insertions and deletions
        bulk analysis of germline (sperm) and somatic DNA
        placing an upper limit of insertion and deletion
        in the individuals tested. Such re-arrangements are
        more than that detectable by the most sensitive methods." )
    )
    # keywords to be added
    # Alu; deletion; dispersed repeats; insertion; recombination
    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 )
  Value String ( "http://eprints.gla.ac.uk/503/"
    Syntax Encoding Scheme URI ( dcterms:URI )
  )
)
Statement (
  Property URI ( eprint:isExpressedAs )
  DescriptionRef ( expression1 )
)
)

Description (
  DescriptionId ( expression1 )
  Statement (
    Property URI ( dc:type )
    Value URI ( <http://purl.org/eprint/entityType/Express
  )
  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 )
    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/PeerReview
  )
  Statement (
```

```
        Property URI ( eprint:copyrightHolder )
        Value String ( "Nature Publishing Group" )
    )
    # Citation and OpenURL context object to be added
    Statement (
        Property URI ( eprint:isManifestedAs )
        DescriptionRef ( pdfmanifestation )
    )
)

Description (
    DescriptionId ( 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._Humanities> )
    )
    Statement (
        Property URI ( eprint:isAvailableAs )
        Value URI ( <http://www.nature.com/ejhg/journal/v9/n2> )
    )
)

Description (
    Resource URI ( <http://eprints.gla.ac.uk/503/01/Eu_J._Humanities> )
    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/Operational> )
    )
)

Description (
```

```

Resource URI ( <http://www.nature.com/ejhg/journal/v9/n2/
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/Conter
)
)
)

```

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/Scholar
)
        Statement (
            Property URI ( dc:identifier )
            Value String ( "http://eprints.soton.ac.uk/22934/"
                Syntax Encoding Scheme URI ( dcterms:URI )
            )
        )
    )
    Statement (
        Property URI ( dc:title )
        Value String ( "Structurally integrated brushless PM
    )
    Statement (
        Property URI ( dc:creator )
        Value String ( "Abu Sharkh, S.M.A. (Suleiman)" )
        DescriptionRef ( 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
    in the structure of a miniature 50 mm diameter ;
    the stator is fitted in the faired thin duct that
    its efficiency and protect it from damage, and th
    propeller. Such a thruster is intended for use on
    that are being developed for defence, scientific
    relatively large airgap motor with protective co
    propeller duct (<10 mm thick) imposes extreme co
    machine, including a very thin rotor and stator ;
    axial length in addition to the relatively large
    practical issues that have not been considered in
    a machine is discussed, a demonstrator device is
    results are reported." )
)
Statement (
  Property URI ( dc:subject )
  Vocabulary Encoding Scheme URI ( dcterms:LCSH )
  Value String ( "T Technology--TC Hydraulic engineerin
)
Statement (
  Property URI ( dc:subject )
  Vocabulary Encoding Scheme URI ( dcterms:LCSH )
  Value String ( "T Technology--TK Electrical engineerin
)
Statement (
  Property URI ( dc:subject )
  Vocabulary Encoding Scheme URI ( dcterms:LCSH )
  Value String ( "T Technology--TL Motor vehicles. Aerc
)
Statement (
  Property URI ( eprint:affiliatedInstitution )
  Value String ( "University of Southampton" )
  DescriptionRef ( sotonuni )
)
Statement (
  Property URI ( eprint:isExpressedAs )
  Value URI ( <http://dx.doi.org/10.1049/ip-epa:2004073
)
)
```

```

Description (
  Resource URI ( <http://dx.doi.org/10.1049/ip-epa:20040736
  Statement (
    Property URI ( dc:type )
    ValueURI ( <http://purl.org/eprint/entityType/Express
  )
  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 )
    Value String ( "http://dx.doi.org/doi:10.1049/ip-epa:
      Syntax Encoding Scheme URI ( dcterms:URI )
    )
  )
  Statement (
    Property URI ( dcterms:available )
    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 Techno
  )
  Statement (
    Property URI ( dcterms:bibliographicCitation )
    Value String ( "IEE Proceedings - Electric Power Appl
    Value String ( "&ctx_ver=Z39.88-2004&rft_val_fmt=info:
      &rft.atitle=Structurally+integrated+brushless+PM-
      &rft.jtitle=IEE+Proceedings+-+Electric+Power+App
      &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:mt

```

```

Description (
  Resource URI ( <http://scitation.aip.org/getpdf/servlet/G
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/IEEDRI
)
Statement (
  Property URI ( dcterms:accessRights )
  Value URI ( <http://purl.org/eprint/accessRights/Rest
)
Statement (

```

```
        Property URI ( dcterms:isPartOf )
        Value URI ( <http://www.theiet.org/> )
        Value String ( "Institution of Engineering and Techno
    )
    Statement (
        Property URI ( dcterms:isPartOf )
        Value URI ( <http://www.ietdl.org/> )
        Value String ( "IET Digital Library" )
    )
)

Description (
    DescriptionId ( sotonuni )
    Statement (
        Property URI ( dc:type )
        Value URI ( <http://purl.org/eprint/entityType/Organi
    )
    Statement (
        Property URI ( foaf:name )
        Value String ( "University of Southampton" )
    )
    Statement (
        Property URI ( foaf:homepage )
        Value URI ( "http://www.soton.ac.uk/" )
    )
)

Description (
    DescriptionId ( AbuSharkhSM )
    Statement (
        Property URI ( dc:type )
        Value URI ( <http://purl.org/eprint/entityType/Persor
    )
    Statement (
        Property URI ( foaf:givenname )
        Value String ( "Suleiman" )
    )
    Statement (
        Property URI ( foaf:familyname )
        Value String ( "Abu Sharkh" )
    )
    Statement (
        Property URI ( foaf:homepage )
        Value URI ( <http://www.soton.ac.uk/ses/people/AbuSha
```



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

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