

Preservation Description Information ('records the identity, relationships, history and integrity of [objects]')

Summary of: A Recommendation for Preservation Description Information, OCLC-RLG Working Group on Preservation Metadata

For: CUL Metadata Working Group, 15 February 2002 (updated April 2002 based on final draft)

Compiled by: Nancy McGovern, Digital Preservation Officer, IRIS

Caveat: This summary was produced for discussion purposes. Every effort was made to accurately quote/represent the content. Double quotation marks indicate direct quotes from OAIS in the Content Information document.

Bold indicates that there is a table of metadata elements associated with that component of content information.

Italics indicate that these items were added or modified in the final draft of the document.

Reference Information	'identifies and describes mechanisms used to provide assigned identifiers for Content Information...'
Context Information	'documents relationships of the Content Information with its environment...'
Provenance Information	'documents the history of the Content Information, including its origin, changes to the object or its content over time, and its chain of custody'
Fixity	'provides Data Integrity checks or Validation/Verification keys to ensure that the [object] has not been altered in an undocumented manner'

Reference Information [C = CEDARS; N = NLA; NL= NEDLIB; WG = Work Group]

Archival System Identifier	W	'Uniquely identifies [object]...within system'
Value	NL	'value...used to identify the AIP'
Construction Method	NL	'...means by which...created and assigned'
Responsible Agency	NL	'entity responsible for assigning and maintaining ASI'
Global Identifier [repeatable]	NL	'Uniquely identifies [object] to...external...'
Value	NL	'value...used to identify the AIP'
Construction Method	NL	'...means by which...created and assigned'
Responsible Agency	NL	'entity responsible for assigning and maintaining ASI'
Resources Description	C	'includes information for resource discovery...' e.g. DC
Existing Metadata	C	'any metadata scheme ...instantiated for the [object]. ...at ingest or may be discovered later'
Existing Records	C	'a single instantiation of a particular metadata scheme'

Context Information

Reason for Creation	C	'...why an [object] was created' e.g. 'master source ...'
Relationships [repeatable]	N	Relationships between objects
Manifestation [preservation]	W	'relationships between this Object and other manifestations of this same Object'
<i>Relationship Type</i>	W	'type of relationship between archived and associated object'
<i>Identification</i>	W	'identifies related object' e.g. ...global identifier
Intellectual Content [preservation]	W	'...relationships between the intellectual content of this Object and other Objects'
<i>Relationship Type</i>	W	'type of relationship between archived and associated object'
<i>Identification</i>	W	'identifies related object' e.g. ...global identifier

Provenance Information [dynamic entity]

Origin	W	'creation of the [object]'
Event		
Pre-Ingest	W	'history...from creation to submission' e.g. transfer of IP
Event		
Ingest	W	'ingest of [object] into Archive' e.g. preparation
Event		
Archival Retention	W	'procedures and...outcomes of processes ...for...preserving and maintaining access to the [object] while it is retained in the archival store'
Event		
Rights Management	W	'specification of the legal uses of the [object]'
Event		

Event Sub-elements

Designation	W	'Name of the Event'
Procedure	W	'...procedures constituting an occurrence of the Event'
Date	W	'Date that the event occurred'
Responsible Agency	W	'Entity responsible for the successful occurrence of the Event'
Outcome	W	'description of the outcome of the Event's latest occurrence'
Note	W	'additional information relevant to the Event' e.g. system-generated Event id number

Fixity Information

Object Authentication	OCLC	'...sufficient information to meet the Archive's minimum requirements for authenticating the [object] and its content'
Authentication Type	OCLC	'technique used to authenticate...'
<i>Authentication Procedure</i>	W	'procedural steps...'
Authentication Date	OCLC	'date of most recent use of this Authentication Type'
Authentication Result	OCLC	'result of most recent archival use of this Authentication Type'