

RIF-CS to Scholix crosswalk

The goal of Scholix is to improve the links between scholarly literature and research data, as well as between data and related data. ARDC has implemented an [OAI-PMH endpoint](#) to make available information about Research Data Australia [collection](#) records and [links to publications](#) (Link Information Packages) for harvesting by others, including [Scholixexplorer](#). For information on the transformation of RIF-CS metadata to Scholix Link Information Packages, see Table 1 and Table 2 below. For more information on the Scholix initiative itself, see the [Scholix website](#).

Table 1. Link Information Package properties

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ID	Scholix Property (v3.0)	RIF-CS (v1.6.1)
1	Link Publication Date	Date (YYYY-MM-DD) the record was first ingested into the registry
2	[Link Provider]	
2.1	Link Provider Name	Source collection's registryObject @group
2.2	[Link Provider Identifier]	Where the source collection is related to a party[@type='group'] which has the same name as the registryObject @group for the source collection, attempt to retrieve the identifier(s) for the party.
2.2.1	Link Provider ID	party/identifier
2.2.2	Link Provider ID Scheme	party/identifier @type
2.2.3	Link Provider ID URL	
2	[Link Provider]	
2.1	Link Provider Name	'Australian Research Data Commons'
2.2	[Link Provider Identifier]	
2.2.1	Link Provider ID	http://nla.gov.au/nla.party-1508909
2.2.2	Link Provider ID Scheme	url
2.2.3	Link Provider ID URL	
3	[Relationship Type]	
3.1	Relationship Type Name	IsRelatedTo
3.2	Relationship Sub-type	
3.3	Relationship Sub-type Schema	
4	License URL	
5	[Source Object]	
6	[Target Object]	

Table 2. Source and Target Object properties

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- Source will be a Collection of type 'dataset' or 'collection'
- Target will either be:
 - a relatedInfo publication within a source collection, OR
 - a collection of type 'publication' related to a source collection via relatedObject or relatedInfo.

ID	Scholix Property (v3.0)	Source Object = RIF-CS registryObject/collection [type='dataset' or 'collection']	Target Object = RIF-CS registryObject/collection /relatedInfo[@type = 'publication']	Target Object = RIF-CS registryObject/collection [@type = 'publication']
7	[Object Identifier]			
7.1	Object ID	<p>collection/identifier (where type in supported list)</p> <p>OR/AND</p> <p>collection/citationInfo /citationMetadata/identifier (where type in supported list)</p> <p>OR</p> <p>collection/location/address /electronic[@type='url']</p> <p>Note: Only use the electronic URL(s) where no other supported identifiers exist. Where other supported identifier(s) exist do not create a link info package for the electronic URL(s).</p> <p>OR</p> <p>registryObject/key</p> <p>Note: Only use the key as the last resort. Where other supported identifier(s) exist do not create a link info package for the key. Where key is used ensure a url is formed with the 'view?key=' url.</p> <p>Supported source RIF identifier types</p> <ul style="list-style-type: none"> ark doi handle purl uri url 	<p>relatedInfo/identifier</p> <p>(Where relatedInfo[@type='publication'] and identifier type in supported list)</p> <p>Supported target RIF identifier types</p> <ul style="list-style-type: none"> ark doi eissn handle isbn issn pubMedId purl uri url 	<p>collection/identifier (where type in supported list)</p> <p>OR/AND</p> <p>collection/citationInfo /citationMetadata/identifier (where type in supported list)</p> <p>OR</p> <p>collection/location/address /electronic[@type='url']</p> <p>Note: Only use the electronic URL where no other supported identifiers exist. Where other supported identifier(s) exist do not create a link info package for the electronic URL.</p> <p>OR</p> <p>registryObject/key</p> <p>Note: Only use the key as the last resort. Where other identifier(s) exist do not create a link info package for the key. Where key is used ensure a url is formed with the view?key= url.</p> <p>Supported target RIF identifier types</p> <ul style="list-style-type: none"> ark doi eissn handle isbn issn pubMedId purl uri url
7.2	Object ID Scheme	<p>collection/identifier @type (where type in supported list)</p> <p>OR</p> <p>registryObject/collection /citationInfo/citationMetadata /identifier @type (where type in supported list)</p> <p>OR</p> <p>"url" where location/address or Research Data Australia URL is used.</p> <p>Supported source RIF identifier types with mapping to Scholix type.</p> <ul style="list-style-type: none"> ark = ark doi = doi handle = hdl purl = purl uri = url url = url 	<p>relatedInfo/identifier @type</p> <p>Supported target RIF identifier types with mapping to Scholix type</p> <ul style="list-style-type: none"> ark = ark doi = doi eissn = issn handle = hdl isbn = isbn issn = issn pubMedId = pubmed purl = purl uri = url url = url 	<p>collection/identifier @type (where type in supported list)</p> <p>OR</p> <p>registryObject/collection /citationInfo/citationMetadata /identifier @type (where type in supported list)</p> <p>OR</p> <p>"url" where location/address or Research Data Australia URL is used.</p> <p>Supported target RIF identifier types with mapping to Scholix type</p> <ul style="list-style-type: none"> ark = ark doi = doi eissn = issn handle = hdl isbn = isbn issn = issn pubMedId = pubmed purl = purl uri = url url = url
7.3	Object ID URL			
8	[Object Type]			
8.1	Object Type Name	'dataset'	'literature'	'literature'
8.2	Object Sub-type Name			

8.3	Object Sub-type Schema			
9	Object Title	registryObject/collection/name (Title as displayed in RDA)	relatedInfo/title	registryObject/collection/name
10	[Object Creator]			
10.1	Creator Name	registryObject/collection /citationInfo/citationMetadata /contributor AND/OR relatedObject/Party/name Where relatedObject/relation [@type= hasPrincipallInvestigator'] AND/OR relatedInfo [@type=party]/title Where relatedInfo/relation [@type= hasPrincipallInvestigator'] AND/OR relatedObject/Party/name Where relatedObject/relation [@type='author'] AND/OR relatedInfo [@type=party]/title Where relatedInfo/relation [@type='author'] AND/OR relatedObject/Party/name Where relatedObject/relation [@type='colInvestigator'] AND/OR relatedInfo [@type=party]/title Where relatedInfo/relation [@type='colInvestigator'] AND/OR relatedObject/Party/name Where relatedObject/relation [@type='isOwnedBy'] AND/OR relatedInfo [@type=party]/title Where relatedInfo/relation [@type='isOwnedBy'] AND/OR relatedObject/Party/name Where relatedObject/relation [@type='hasCollector'] AND/OR relatedInfo [@type=party]/title Where relatedInfo/relation [@type='hasCollector']		registryObject/collection /citationInfo/citationMetadata /contributor AND/OR relatedObject/Party/name Where relatedObject/relation [@type='author'] AND/OR relatedInfo [@type=party]/title Where relatedInfo/relation [@type='author']
10.2	[Creator Identifier]			

10.2.1	Creator ID	relatedObject/Party/identifier OR relatedInfo/identifier where the party is mapped to "Creator" in the export (all identifiers provided will be transferred)		relatedObject/Party/identifier @type OR relatedInfo/identifier where the party is mapped to "Creator" in the export (all identifiers provided will be transferred)
10.2.2	Creator ID Scheme	relatedObject/Party/identifier @type relatedInfo/identifier @type where the party is mapped to "Creator" in the export		relatedObject/Party/identifier @type relatedInfo/identifier @type where the party is mapped to "Creator" in the export
10.2.3	Creator ID URL			
11	Object Publication Date	registryObject/collection /citationInfo/citationMetadata /date[@type='publicationDate'] OR registryObject/collection /citationInfo/citationMetadata /date[@type='issued'] OR registryObject/collection /citationInfo/citationMetadata /date[@type='created'] OR registryObject/collection /citationInfo/citationMetadata /date (any avail) OR registryObject/collection/dates [@type='dc.issued'] OR registryObject/collection/dates [@type='dc.available'] OR registryObject/collection/dates [@type='dc.created'] OR registryObject: Collection@dateModified OR registryObject /Collection@dateAccessioned OR date the record was first ingested into RDA Format: YYYY-MM-DD OR YYYY-MM OR YYYY		registryObject/collection /citationInfo/citationMetadata /date[@type='publicationDate'] OR registryObject/collection /citationInfo/citationMetadata /date[@type='issued date'] OR registryObject/collection /citationInfo/citationMetadata /date[@type='created'] OR registryObject/collection /citationInfo/citationMetadata /date (any avail) OR registryObject/collection/dates [@type='dc.issued'] OR registryObject/collection/dates [@type='dc.available'] OR registryObject/collection/dates [@type='dc.created'] OR registryObject: Collection@dateModified OR registryObject /Collection@dateAccessioned OR date the record was first ingested into RDA Format: YYYY-MM-DD OR YYYY-MM OR YYYY
12	[Object Publisher]			
12.1	Publisher Name	registryObject @group		registryObject @group

12.2	[Publisher Identifier]	Where the source collection is related to a party[@type='group'] which has the same name as the registryObject@group for the source collection, attempt to retrieve the identifier(s) for the party.		
12.2.1	Publisher ID	party/identifier		
12.2.2	Publisher ID Scheme	party/identifier @type		
12.2.3	Publisher ID URL			

« Getting started with Scholix Research Data Australia Functionality and Display »