

Mapping Dublin Core xml elements to Solr to UI

Solr version: 4.10

Test search/index url: http://test-solr.library.ucla.edu/solr/prrla/select?q=%3A*&wt=json&indent=true

Search Results and Item View :

- DC Elements can be 0 to unbounded
- * Required for PRRLA project

Dublin Core elements	example
title*	<pre><dc:title>And that ain't all</dc:title> <dc:title>There are times, there are times, when I feel so glad [first li <dc:title>She's got a pair of lips that ask for lovin' [first line of cho</pre>
creator*	<pre><dc:creator>Stept, Sammy [composer]</dc:creator> <dc:creator>Green, Bud [lyricist]</dc:creator></pre>
subject	<pre><dc:subject>Portraits</dc:subject></pre>
description	<pre><dc:description>Portrait of Sophie Tucker (?) on cover. Portrait of Welli cover. </dc:description> <dc:description>Moderato [tempo]</dc:description> <dc:description>E flat Major [key]</dc:description></pre>
publisher	<pre><dc:publisher>New York : Al. Piantadosi & Co.</dc:publisher></pre>
contributor	

date*	will be normalized to convert year format <div> <dc:date>1998-02-16</dc:date> </div>
type	
format	
identifier	<div> <dc:identifier>http://digital.library.ucla.edu/apam/librarian?ITEMID=ACAN </div> <div> <dc:identifier>http://digital.library.ucla.edu/apam/librarian?ITEMID=ACAN </div>
source	<div> <dc:source>SX157106, NS BOX 7</dc:source> </div>
language	<div> <dc:language>English</dc:language> </div>
relation	
coverage	
rights	<div> <dc:rights>UCLA Library</dc:rights> </div>

All the dublin core elements will be available in full Item Record view.

Facets:

dc element	notes	solr field	UI
	set name in the OAI Request. not sure how to map for resourcesync records	collectionName	Collection
	Prlla member institution	institutionName	Institution
dc.creator		creator_keyword	Authors
dc.type		type_keyword	Item Type
dc.date	normalized dates first and then do the decade extraction in Solr , look at sheetmusic solr schema.xml	decade	decade

Missing UI Elements in DC

1. Collection*
2. Institution*
3. Alternate Title
4. Alternative Title
5. Abstract
6. First Line
7. Decade facet

Other Solr fields

- id
- thumbnailExists (its a true or false flag)
- fileName

Thumbnails will be harvested, if member institution provide repository url.