

Infrastructure - Task #3562

Story # 3561 (Closed): OneMercury UI Review Updates

Improve COINS tag

2013-02-11 16:35 - Skye Roseboom

Status:	Closed	Start date:	2013-02-11
Priority:	Normal	Due date:	
Assignee:	Skye Roseboom	% Done:	100%
Category:	d1_mercury	Estimated time:	0.00 hour
Target version:	2013.14-Block.2.3	Story Points:	
Milestone:	CCI-1.1.1		
Product Version:	*		
Description			
Improve COINS tag content on ONEMercury search results page to include: title, author, pub date, identifier, citation url (resolve)			

History

#1 - 2013-02-11 17:41 - Dave Vieglais

Here's the implementation in the etherpad search, which is just done client side in javascript on page load:

https://repository.dataone.org/software/tools/trunk/epad_index/web/search.html

see the method: function generateCOINs(title, href, modified)

#2 - 2013-02-11 18:19 - Skye Roseboom

- Status changed from New to In Progress

#3 - 2013-02-11 18:52 - Dave Vieglais

Example of a full COINs tag for a journal article, with progressive decoding of the content:

full tag:

```
<span class='Z3988' title='url_ver=Z39.88-2004&ctx_ver=Z39.88-2004&rft_id=info%3Aid%2Fzotero.org%3A2&rft_id=info%3Adoi%2F10.1371%2Fjournal.pone.0056453&rft_val_fmt=info%3Aofi%2Ffmt%3Akev%3Amtx%3Ajournal&rft.genre=article&rft.atitle=Three-Year%20Follow-Up%20of%20Posterior%20Chamber%20Toric%20Phakic%20Intraocular%20Lens%20Implantation%20for%20Moderate%20to%20High%20Myopic%20Astigmatism&rft.jtitle=PLoS%20ONE&rft.stitle=PLoS%20ONE&rft.volume=8&rft.issue=2&rft.aufirst=Kazutaka&rft.aulast=Kamiya&rft.au=Kazutaka%20Kamiya&rft.au=Kimiya%20Shimizu&rft.au=Hidenaga%20Kobashi&rft.au=Akihito%20Igarashi&rft.au=Mari%20Komatsu&rft.date=2013-02-08&rft.pages=e56453'
```

The COINs property:

```
url_ver=Z39.88-2004&ctx_ver=Z39.88-2004&rft_id=info%3Aid%2Fzotero.org%3A2&rft_id=info%3Adoi%2F10.1371%2Fjournal.pone.0056453&rft_val_fmt=info%3Aofi%2Ffmt%3Akev%3Amtx%3Ajournal&rft.genre=article&rft.atitle=Three-Year Follow-Up of Posterior Chamber Toric Phakic Intraocular Lens Implantation for Moderate to High Myopic Astigmatism&rft.jtitle=PLoS ONE&rft.stitle=PLoS ONE&rft.volume=8&rft.issue=2&rft.aufirst=Kazutaka&rft.aulast=Kamiya&rft.au=Kazutaka Kamiya&rft.au=Kimiya Shimizu&rft.au=Hidenaga Kobashi&rft.au=Akihito Igarashi&rft.au=Mari Komatsu&rft.date=2013-02-08&rft.pages=e56453
```

URL Decoded:

```
url_ver=Z39.88-2004&ctx_ver=Z39.88-2004&rft_id=info:sid/zotero.org:2&rft_id=info:doi/10.1371/journal.pone.0056453&rft_val_fmt=info:ofi/fmt:kev:mtx:journal&rft.genre=article&rft.atitle=Three-Year Follow-Up of Posterior Chamber Toric Phakic Intraocular Lens Implantation for Moderate to High Myopic Astigmatism&rft.jtitle=PLoS ONE&rft.stitle=PLoS ONE&rft.volume=8&rft.issue=2&rft.aufirst=Kazutaka&rft.aulast=Kamiya&rft.au=Kazutaka Kamiya&rft.au=Kimiya Shimizu&rft.au=Hidenaga Kobashi&rft.au=Akihito Igarashi&rft.au=Mari Komatsu&rft.date=2013-02-08&rft.pages=e56453
```

Unescaped HTML:

```
url_ver=Z39.88-2004&ctx_ver=Z39.88-2004&rft_id=info:sid/zotero.org:2&rft_id=info:doi/10.1371/journal.pone.0056453&rft_val_fmt=info:ofi/fmt:kev:mtx:journal&rft.genre=article&rft.atitle=Three-Year Follow-Up of Posterior Chamber Toric Phakic Intraocular Lens Implantation for Moderate to High Myopic Astigmatism&rft.jtitle=PLoS ONE&rft.stitle=PLoS ONE&rft.volume=8&rft.issue=2&rft.aufirst=Kazutaka&rft.aulast=Kamiya&rft.au=Kazutaka Kamiya&rft.au=Kimiya Shimizu&rft.au=Hidenaga Kobashi&rft.au=Akihito Igarashi&rft.au=Mari Komatsu&rft.date=2013-02-08&rft.pages=e56453
```

All the key, value pairs:

```
url_ver=Z39.88-2004
&ctx_ver=Z39.88-2004
&rft_id=info:sid/zotero.org:2
&rft_id=info:doi/10.1371/journal.pone.0056453
&rft_val_fmt=info:ofi/fmt:kev:mtx:journal
&rft.genre=article
&rft.atitle=Three-Year Follow-Up of Posterior Chamber Toric Phakic Intraocular Lens Implantation for Moderate to High Myopic Astigmatism
&rft.jtitle=PLoS ONE
&rft.stitle=PLoS ONE
&rft.volume=8
&rft.issue=2
&rft.aufirst=Kazutaka
&rft.aulast=Kamiya
&rft.au=Kazutaka Kamiya
&rft.au=Kimiya Shimizu
&rft.au=Hidenaga Kobashi
&rft.au=Akihito Igarashi
&rft.au=Mari Komatsu
&rft.date=2013-02-08
&rft.pages=e56453
```

#4 - 2013-02-11 19:20 - Dave Vieglais

Note that when testing, it appears that the chrome zotero extension does not recognize tags when loading from the file system instead of over http. A simple way to get a web server running is to cd to the folder with any test docs, then "python -m SimpleHTTPServer" to start a simple web server listening on port 8000. The COINs tags were then recognized by the chrome extension.

#5 - 2013-02-11 21:55 - Dave Vieglais

Zotero source for parsing the context tags:

https://github.com/zotero/zotero/blob/master/chrome/content/zotero/xpcom/utilities_translate.js

specifically, the function parseContextObject

#6 - 2013-02-11 22:14 - Skye Roseboom

Documentation for COINs format for citing journal articles - lists all fields:

<http://ocoins.info/cobg.html>

#7 - 2013-02-12 01:26 - Dave Vieglais

An example of a web page COINs entry that works for both zotero and mendeley, and is reasonably complete:

The span element:

and url and html decoded:

```
url_ver=Z39.88-2004
ctx_ver=Z39.88-2004
rft_val_fmt=info:ofi/fmt:kev:mtx:dc
rft.identifier=http://cn.dataone.org/cn/v1/resolve/test
rft.title=Title of Record 3
rft.date=04/03/2008
rft.aucorp=NCEAS 12192: Fleishman: California Department of Water Resources (DWR)
rft.au=Dave Test
rft.place=Santa Barbara, CA
rft.source=urn:node:test2
rft.subject=keyword 1
rft.subject=keyword 2
rft.subject=keyword 3
rft.description=dcterms:identifier=test ID
rft.rights=rights statement
rft.publisher=PISCO Member Node (urn:node:PISCO)
```

the various term definitions can be found at:

http://www.niso.org/apps/group_public/download.php/6640/The%20OpenURL%20Framework%20for%20Context-Sensitive%20Services.pdf

http://alcme.oclc.org/openurl/docs/implementation_guidelines/KEV_Guidelines-20041209.pdf

<http://alcme.oclc.org/openurl/servlet/OAIHandler/extension?verb=GetMetadata&metadataPrefix=mtx&identifier=info:ofi/fmt:kev:mtx:dc>

#8 - 2013-02-12 22:03 - Skye Roseboom

link to zotero parsing logic:

#9 - 2013-02-18 16:17 - Skye Roseboom

- Status changed from *In Progress* to *Testing*

#10 - 2013-02-18 16:17 - Skye Roseboom

- Description updated

#11 - 2013-02-19 16:40 - Skye Roseboom

- translation missing: *en.field_remaining_hours* set to *0.0*

- Status changed from *Testing* to *Closed*

Released with v1.1.1 one-mercury. COINS tag on the full metadata display view needs improved. Will create new story to capture generating COINS tag with same information on the detail page.

#12 - 2013-03-01 18:46 - Skye Roseboom

- Target version set to *2013.10-Block.2.1*

#13 - 2013-04-02 16:10 - Skye Roseboom

- Target version deleted (*2013.10-Block.2.1*)

#14 - 2013-04-02 16:12 - Skye Roseboom

- Target version set to *2013.14-Block.2.3*