

## Infrastructure - Bug #3035

### Generated resource maps contain invalid representation of xsd:date

2012-06-29 15:06 - Dave Vieglais

<b>Status:</b> Closed	<b>Start date:</b> 2012-06-29
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b> Ben Leinfelder	<b>% Done:</b> 100%
<b>Category:</b> Metacat	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b> Sprint-2012.29-Block.4.3	<b>Story Points:</b>
<b>Milestone:</b> CCI-1.0.4	
<b>Product Version:</b> *	

**Description**

For example, the resource map:

[https://knb.ecoinformatics.org/knb/d1/mn/v1/object/resourceMap\\_kgordon.4.24](https://knb.ecoinformatics.org/knb/d1/mn/v1/object/resourceMap_kgordon.4.24)

contains an entry:

2012-06-22T22:19:31-0700/[dcterms:modified](#)

There are two problems with this:

1. The type should be dateTime
2. The timezone offset should include a colon, i.e. "-07:00" instead of "-0700"

Issue 1 can be corrected in the foresite library:

<http://code.google.com/p/foresite-toolkit/source/browse/foresite-java/trunk/src/main/java/org/dspace/foresite/jena/JenaOREConstants.java>

**Subtasks:**

Task # 3040: url encode URIs used in ORE maps	<b>Closed</b>
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**Related issues:**

Related to Infrastructure - Task #3046: Create utility to update ORE maps wit...	<b>In Progress</b> 2012-07-02
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### History

#### #1 - 2012-06-29 16:37 - Ben Leinfelder

- Status changed from New to In Progress

Reworking the foresite library. I took out the use of SimpleDateFormat because that doesn't provide the correct serialization of timezone for the xsd:dateTime type.

The resulting rdf fragment is now:

2012-06-29T09:27:48.991-07:00/[dcterms:modified](#)

Note that partial seconds are now included which I believe is still valid for xsd:dateTime since it came directly from javax.xml.bind.DatatypeConverter.printDateTime().

Will need to include this in the foresite project and make the change available as an official (non-SNAPSHOT) release.

#### #2 - 2012-06-29 18:52 - Ben Leinfelder

Looks like Dave is a committer:

<http://code.google.com/p/foresite-toolkit/people/list>

**#3 - 2012-06-29 18:54 - Ben Leinfelder**

Another thing that I wanted to ask is whether we need explicit URL escaping of the slashes and colons in the resolve URIs:

**#4 - 2012-07-09 15:17 - Dave Vieglais**

Ben Leinfelder wrote:

Another thing that I wanted to ask is whether we need explicit URL escaping of the slashes and colons in the resolve URIs:

Yes.

**#5 - 2012-07-09 15:46 - Dave Vieglais**

- *Position set to 5*

**#6 - 2012-07-19 22:02 - Ben Leinfelder**

- *Position set to 1*

- *Position deleted (8)*

- *Target version changed from Sprint-2012.27-Block.4.2 to Sprint-2012.29-Block.4.3*

**#7 - 2012-07-30 21:45 - Dave Vieglais**

- *Milestone changed from CCI-1.0.3 to CCI-1.0.4*

**#8 - 2012-08-14 23:43 - Ben Leinfelder**

- *Status changed from In Progress to Closed*

the underlying cause has been addressed, just need to fix existing ORE maps in the wild (as documented in related task)