

## Metacat - Bug #1601

### Metacat will add default value for optional parameter into eml 2 document

06/11/2004 04:38 PM - Jing Tao

<b>Status:</b>	Resolved	<b>Start date:</b>	06/11/2004
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Michael Daigle	<b>% Done:</b>	0%
<b>Category:</b>	metacat	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Unspecified	<b>Spent time:</b>	0.00 hour
<b>Bugzilla-Id:</b>	1601		
<b>Description</b>			
<p>When user upload a eml2 document into metacat, metacat will automatically add some default value to optional parmeters even the document doesn't have paramters orginally. So metacat modified the orginal documents, this is not our stratege and we need fixed it.</p> <p>For example, here is a segment of eml document:</p> <pre>&lt;address&gt; &lt;deliveryPoint&gt;Dept. of Marine Sciences&lt;/deliveryPoint&gt; &lt;deliveryPoint&gt;University of Georgia&lt;/deliveryPoint&gt; &lt;city&gt;Athens&lt;/city&gt; &lt;administrativeArea&gt;Georgia&lt;/administrativeArea&gt; &lt;postalCode&gt;30602-3636&lt;/postalCode&gt; &lt;country&gt;USA&lt;/country&gt; &lt;/address&gt;</pre> <p>Metacat will modified to:</p> <pre>&lt;address scope="document"&gt; &lt;deliveryPoint&gt;Dept. of Marine Sciences&lt;/deliveryPoint&gt; &lt;deliveryPoint&gt;University of Georgia&lt;/deliveryPoint&gt; &lt;city&gt;Athens&lt;/city&gt; &lt;administrativeArea&gt;Georgia&lt;/administrativeArea&gt; &lt;postalCode&gt;30602-3636&lt;/postalCode&gt; &lt;country&gt;USA&lt;/country&gt; &lt;/address&gt;</pre> <p>It adds "scope="document"" to address element. In eml2 schema scope is an optional parameter and it has a default value "document". Xerces parser will add default value "document" to parameter "scope" if "scope" doesn't show in xml instance.</p> <p>We need figure out a way to get rid of this unexpected modification to orgin xml document in metacat.</p>			

## History

### #1 - 09/27/2006 06:34 AM - Saurabh Garg

We need to checkout the newer versions of Xerces and see if the newer version provides an option to avoid entering of these attributes.

### #2 - 04/24/2008 01:46 PM - Jing Tao

Move to milestone 1.9 release

### #3 - 09/17/2008 03:49 PM - Michael Daigle

In Metacat 1.9, the document is read back from disk, so it will be returned verbatim.

### #4 - 09/17/2008 04:01 PM - Michael Daigle

Still want to fix it for future docs in the db.

### #5 - 09/18/2008 10:59 AM - Michael Daigle

Read problem is solved by retrieving doc from disk. Insert problem deferred to 1.9.1

**#6 - 10/26/2011 12:38 PM - Matt Jones**

Marking as complete, because the read problem is fixed based on now reading original from disk. The insert problem isn't a problem, because it is actually good that default values be inserted into the XML for searching purposes. So, all is now working as needed. Closing ticket.

**#7 - 03/27/2013 02:17 PM - Redmine Admin**

Original Bugzilla ID was 1601