

## Kepler - Bug #3237

### Search actor in remote repository doesn't work

04/22/2008 10:06 PM - Jing Tao

<b>Status:</b>	Resolved	<b>Start date:</b>	04/22/2008
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Jing Tao	<b>% Done:</b>	0%
<b>Category:</b>	data access	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.0.0	<b>Spent time:</b>	0.00 hour
<b>Bugzilla-Id:</b>	3237		

#### Description

The reason of the search not work is that kepler sets "entity" as namespace when it searches actors. In query.xsd and resultset.xsd, the type of namespace is anyURL. The auto-generated stub java files will match anyURL to java URI class. In java URI class, if the constructor taking a string without "http://" or any other "something://", it will through an exception that URI schema couldn't find. "entity" is the case. So the search doesn't work.

Last time when we had this issue, I just hacked the auto-generated code to create new jar file. It is not a good solution.

Here is my proposal to fix the issue:

Change data type to xs:string for namespace in query.xsd and resultset.xsd in seek/ecogrid. I don't think this change will lose lots of things.

I did some preliminary developement in my test machine. Here are some changes we should make:

1) Seek project, we need to change query.xsd, resultset.xsd, EcogridJavaToMetacatJavaQueryTransformer.java and MetacatResultSetParser.java. They all are minor changes.

2) In Kepler, we need to replace org.ecoinformatics.ecogrid.QueryService-stub.jar.

This is for code change.

It is amazing that the kepler with new org.ecoinformatics.ecogrid.QueryService-stub.jar can search data and resgistry successfully against both old and new servers. I don't understand it but it does work. So it is not in rush to update knb and registry in our production machine. The only server needed being updated very soon is library.kepler-org.org/kepler.

#### History

##### #1 - 04/23/2008 08:24 AM - Matt Jones

Targeting this at 1.0.0 to fix a critical problem.

##### #2 - 04/24/2008 11:50 AM - Jing Tao

Following the above plan, we fixed the issue. Ben, chand and i tested it and it worked. Now kepler can search the remote actor repository.

##### #3 - 03/27/2013 02:22 PM - Redmine Admin

Original Bugzilla ID was 3237