

## Kepler - Bug #4118

### Web Service Actor stored in Library

05/29/2009 09:26 AM - Chris Weed

<b>Status:</b>	Resolved	<b>Start date:</b>	05/29/2009
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Daniel Crawl	<b>% Done:</b>	0%
<b>Category:</b>	actors	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.X.Y	<b>Spent time:</b>	0.00 hour
<b>Bugzilla-Id:</b>	4118		

#### Description

After setting the wsdl and service name in org.sdm.spa.WebService and org.sdm.spa.WSWithComplexTypes, I store them back in the library.

I then drag these new actors into the workflow desktop.

For WebService I get the error:

Change Failed

String index out of range: -5

For WsWithComplexTypes I get the error:

Error encountered in:

```
<property name="_type" class="ptolemy.actor.TypeAttribute" value="string">
```

TypeAttribute can only be contained by instances of TypedIOPort.

in .My WsWithComplexTypes.kepler:query and .\_type

For WebService this seems to be a problem with setting the methodName parameter before setting the url parameter.

I was able to add a check on \_urlStr to avoid this:

Line 410:

```
// System.out.println("Method name before get expression: " +
// _methodNameStr);
methodNameStr = methodName.getExpression();
_debug("<METHOD_NAME>" + _methodNameStr + "</METHOD_NAME>");
// System.out.println("Method name after get expression: " +
// _methodNameStr);
int slashIndex = _urlStr.lastIndexOf('/');
//if(_urlStr.length()>0) {
_wsName = _urlStr.substring(slashIndex + 1,
_urlStr.length() - 5);
}
```

For WsWithComplexType I don't know the problem.

Chris

#### History

##### #1 - 05/29/2009 09:28 AM - Chris Weed

This line should be uncommented to make this work:

```
//if(_urlStr.length()>0)
```

##### #2 - 05/29/2009 09:42 AM - Daniel Crawl

Are you using Kepler from SVN? I think I've already fixed this bug in WebService.

[http://bugzilla.ecoinformatics.org/show\\_bug.cgi?id=4062](http://bugzilla.ecoinformatics.org/show_bug.cgi?id=4062)

I'll look into the problem with WsWithComplexTypes. It would help if I had the wsdl and service name.

##### #3 - 07/14/2010 10:20 AM - Daniel Crawl

I am no longer able to reproduce this problem. If it still occurs for your web services, feel free to re-open.

#4 - 03/27/2013 02:25 PM - Redmine Admin

Original Bugzilla ID was 4118