

## D4Science Infrastructure - Incident #7151

### DataMiner direct http links do not reach the service

Feb 17, 2017 03:50 PM - Gianpaolo Coro

<b>Status:</b>	Closed	<b>Start date:</b>	Feb 17, 2017
<b>Priority:</b>	Urgent	<b>Due date:</b>	
<b>Assignee:</b>	Andrea Dell'Amico	<b>% Done:</b>	100%
<b>Category:</b>	High-Throughput-Computing	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	UnSprintable		
<b>Infrastructure:</b>	Production		
<b>Description</b>			
When using direct http link to the DataMiner services from the Web browser to invoke an algorithm, the request does not arrive to the service. A blank page (empty text/plain) is returned instead of the XML of the computation. This happens on "our" browsers (Coro, Scarponi, Panichi) but not on R Cirillo's browser. We have tested in the RPrototypeLab VRE. The interaction works from the portlet, instead.			
Example of call:			
<pre>http://dataminer0-proto.d4science.org/wps/WebProcessingService?request=Execute&amp;service=WPS&amp;Version=1.0.0&amp;gcube-token=254c2e2d-7f48-47aa-9fc1-5e6453a41f78-843339462&amp;lang=en-US&amp;Identifier=org.gcube.dataanalysis.wps.statisticalmanager.synchserver.mappedclasses.transducerers.K_STATISTICS&amp;DataInputs=inputDataTable=http://data.d4science.org/Y0N6SnB2bGkvTHBjZk9qTytQTndqa2JNTVdUWDlxR1FHbWJQNStIS0N6Yz0;selectedRaters=r1 r3;categoriesNames=c1 c2 c3 c4</pre>			

### History

#### #1 - Feb 20, 2017 11:56 AM - Andrea Dell'Amico

- Status changed from New to In Progress

Here is the results of two calls. I got the *real* ULRs from the nginx logs to spot the differences.

The following one has been executed from the command line using wget and protecting all the URL using "".

```
/wps/WebProcessingService?request=Execute&service=WPS&Version=1.0.0&gcube-token=254c2e2d-7f48-47aa-9fc1-5e6453a41f78-843339462&lang=en-US&Identifier=org.gcube.dataanalysis.wps.statisticalmanager.synchserver.mappedclasses.transducerers.K_STATISTICS&DataInputs=inputDataTable=http://data.d4science.org/Y0N6SnB2bGkvTHBjZk9qTytQTndqa2JNTVdUWDlxR1FHbWJQNStIS0N6Yz0;selectedRaters=r1%7Cr3;categoriesNames=c1%7Cc2%7Cc3%7Cc4
```

The following one has been executed from the browser (Chrome, Firefox and Safari. Each one is the latest stable release, each one has the same behaviour:

```
/wps/WebProcessingService?request=Execute&service=WPS&Version=1.0.0&gcube-token=254c2e2d-7f48-47aa-9fc1-5e6453a41f78-843339462&lang=en-US&Identifier=org.gcube.dataanalysis.wps.statisticalmanager.synchserver.mappedclasses.transducerers.K_STATISTICS&DataInputs=inputDataTable=http://data.d4science.org/Y0N6SnB2bGkvTHBjZk9qTytQTndqa2JNTVdUWDlxR1FHbWJQNStIS0N6Yz0;selectedRaters=r1|r3;categoriesNames=c1|c2|c3|c4
```

The former produces a result, the latter is invalid because it's wrong. The first URL works also when run from the browser. Try

[http://dataminer0-proto.d4science.org/wps/WebProcessingService?request=Execute&service=WPS&Version=1.0.0&gcube-token=254c2e2d-7f48-47aa-9fc1-5e6453a41f78-843339462&lang=en-US&Identifier=org.gcube.dataanalysis.wps.statisticalmanager.synchserver.mappedclasses.transducerers.K\\_STATISTICS&DataInputs=inputDataTable=http://data.d4science.org/Y0N6SnB2bGkvTHBjZk9qTytQTndqa2JNTVdUWDlxR1FHbWJQNStIS0N6Yz0;selectedRaters=r1%7Cr3;categoriesNames=c1%7Cc2%7Cc3%7Cc4](http://dataminer0-proto.d4science.org/wps/WebProcessingService?request=Execute&service=WPS&Version=1.0.0&gcube-token=254c2e2d-7f48-47aa-9fc1-5e6453a41f78-843339462&lang=en-US&Identifier=org.gcube.dataanalysis.wps.statisticalmanager.synchserver.mappedclasses.transducerers.K_STATISTICS&DataInputs=inputDataTable=http://data.d4science.org/Y0N6SnB2bGkvTHBjZk9qTytQTndqa2JNTVdUWDlxR1FHbWJQNStIS0N6Yz0;selectedRaters=r1%7Cr3;categoriesNames=c1%7Cc2%7Cc3%7Cc4)

#### #2 - Feb 20, 2017 11:57 AM - Andrea Dell'Amico

- Status changed from In Progress to Feedback

- % Done changed from 0 to 100

#### #3 - Feb 20, 2017 12:08 PM - Gianpaolo Coro

- Status changed from Feedback to Resolved

OK you're right the URL needs to be URL-encoded. What is strange to me is that the browser should already encode the URL parameters by itself, but it seems this does not happen with those "inner" parameters. The URL produced by the DataMiner should indeed encode them perhaps.

**#4 - Feb 20, 2017 12:38 PM - Pasquale Pagano**

What resolved means in this case? Has the data miner implementation been changed but not deployed?

**#5 - Mar 01, 2017 07:37 PM - Pasquale Pagano**

*- Status changed from Resolved to Closed*

I am closing this ticket since I did not get any answer to my request for comment.

**#6 - Mar 01, 2017 10:36 PM - Gianpaolo Coro**

You are right, sorry. We have added the modifications to the current release and have opened other tickets to report them. I missed to link these to this ticket.