

D4Science Infrastructure - Incident #3136

From Tabular data lab I move to another VRE, then using the browser "Back" button returns an error

Apr 05, 2016 11:49 AM - Anton Ellenbroek

Status:	Closed	Start date:	Apr 05, 2016
Priority:	Normal	Due date:	
Assignee:	Giancarlo Panichi	% Done:	100%
Category:	Data Management	Estimated time:	0.00 hour
Target version:	UnSprintable		
Infrastructure:	Production		
Description			
If I am in FAO Tuna Atlas, and use "Go To" to go to another VRE, the use of the back button of the browser results in an error message such as "Error retrieving TabularResources: no endpoints found for org.gcube.resources.discovery.client.queries.impl.XQuery@f6068ae9=declare namespace ic = 'http://gcube-system.org/namespaces/informationssystem/registry'; for \$resource in collection('/db/Profiles/RunningInstance')//Document/Data/ic:Profile/Resource, \$entry in \$resource/Profile/AccessPoint/RunningInstanceInterfaces/Endpoint where (\$resource/Profile/ServiceClass/text() eq 'DataAnalysis') and (\$resource/Profile/ServiceName/text() eq 'TabularData') and (\$resource/Profile/DeploymentData/Status/text() eq 'ready') and (contains(\$entry/string(),'tabular-data-manager/tabularresource manager')) return \$entry/text() OK" OR "Error retrieving TabularResources: com.sun.xml.internal.ws.client.ClientTransportException: The server sent HTTP status code 400: Bad Request" Can these errors be prevented?			

History

#1 - Apr 12, 2016 07:11 PM - Pasquale Pagano

- Tracker changed from Support to Incident
- Category set to Data Management
- Assignee set to Lucio Lelii

#2 - Apr 12, 2016 07:18 PM - Lucio Lelii

- Assignee changed from Lucio Lelii to Giancarlo Panichi

this is not possible service side, I will assign this ticket to giancarlo that is the responsible for the portlet. But in my opinion it is not feasible also portlet side. The back button should be disabled directly from the portal. @massimiliano.assante@isti.cnr.it What do you think ?

#3 - Apr 13, 2016 11:53 AM - Massimiliano Assante

This problem is clear, and is due to the fact that upon back button the server method (in the portlet java) which is supposed to set the Context (scope) is not called.

To overcome this limitation @g.panichi@isti.cnr.it can use the ClientScopeHelper class as follows:

```
public void onModuleLoad() {  
  
    ClientScopeHelper.getService().setScope(Location.getHref(), new AsyncCallback() {  
        @Override  
        public void onSuccess(Boolean result) {  
            doWhateverYouWereDoing  
        }  
  
        @Override  
        public void onFailure(Throwable caught) {  
  
        }  
    });  
};
```

The class is in

```
<groupId>org.gcube.portlets.user</groupId>  
<artifactId>gcube-widgets</artifactId>
```

don't forget to put in your taxman portlet web.xml (clearly replace /\$YOUR_SERVLET_URL_PATTERN)

```
<servlet>  
  <servlet-name>scopeService</servlet-name>  
  <servlet-class>org.gcube.portlets.user.gcubewidgets.server.ScopeServiceImpl</servlet-class>  
</servlet>  
  
<servlet-mapping>  
  <servlet-name>scopeService</servlet-name>  
  <url-pattern>/$YOUR_SERVLET_URL_PATTERN/scopeService</url-pattern>  
</servlet-mapping>
```

#5 - Apr 13, 2016 03:14 PM - Giancarlo Panichi

- *Status changed from New to Closed*

- *% Done changed from 0 to 100*

The problem is solved, the fix will be released in gCube3.11.