

QGIS Application - Bug report #7135

QGIS on getFeatureInfo wrong GML request

2013-02-10 04:55 AM - aperi2007 -

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Web Services clients/WMS	
Affected QGIS version:	master	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:		Resolution: invalid
Crashes QGIS or corrupts data:		Copied to github as #: 16202
Description		
Hi, qgis-dev is doing a wrong GML request on GetFeatureInfo. I see the request is doing qgis is this: http://web.regione.toscana.it/wmsraster/com.rt.wms.RTmap/wms?map=wmsambamm&#38;map_resolution=96&#38;language=ita&#38;SERVICE=WMS&#38;VERSION=1.3.0&#38;REQUEST=GetFeatureInfo&#38;BBOX=41.9051649201365208,7.90591899999999990,44.77883507788350798634838,14.17069100000000015&#38;CRS=EPSG:4326&#38;WIDTH=1465&#38;HEIGHT=672&#38;LAYERS=rt_ambamm.idcomuni.rt.poly&#38;STYLES=&#38;FORMAT=image/png&#38;QUERY_LAYERS=rt_ambamm.idcomuni.rt.poly&#38;INFO_FORMAT=ogr/gml&#38;I=691&#38;J=315&#38;FEATURE_COUNT=10 But it is wrong because it is doing the request in EPSG:4326 instead of the actual EPSG used in the canvas. This cause the return of a GML in a wrong reference system (4326). Wrong because it is not in the right wanted reference system. Also another error is that the request is do setting: INFO_FORMAT=ogr/gml instead it should write: INFO_FORMAT=text/gml changing from INFO_FORMAT=ogr/gml to INFO_FORMAT=text/gml will return a working GML response. But of course in the wrong epsg reference system. Because qgis will request only in epsg:4326.		

History

#1 - 2013-02-10 05:11 AM - aperi2007 -

I check the GetCapabilities.

It report this availables formats.

```
<GetFeatureInfo>
  <Format>text/gml</Format>
  <Format>text/html</Format>
  <Format>text/plain</Format>
  <Format>ogr/gml</Format>
  ....
```

The right format for a compatible GML response is "text/gml"
Instead actually qgis-dev is using the "ogr/gml".

Is better that qgis will use the text/gml to have a response compatible with that of others server GML.

#2 - 2013-02-10 05:13 AM - aperi2007 -

- *Category set to Web Services clients/WMS*

Also the request should do on the same reference system of the canvas not always in the epsg:4326.

#3 - 2013-02-10 05:30 AM - aperi2007 -

- *Resolution set to invalid*

Hi,
I remove the "ogr/gml" format from the server settings.

Now the GetCapabilities will give this options:

```
<GetFeatureInfo>
  <Format>text/gml</Format>
  <Format>text/html</Format>
  <Format>text/plain</Format>
```

So I retry the identify with QGIS-dev.

It still do nothing.

The log will report that the qgis-dev has send this request:

http://web.regione.toscana.it/wmsraster/com.rt.wms.RTmap/wms?map=wmsambamm&map_resolution=96&language=ita&&SERVICE=WMS&VERSION=1.3.0&REQUEST=GetFeatureInfo&BBOX=636170.8467062999261543,4837193.0576265491545200,679256.4274609615094960,15094960,4865692.6434558629989624&CRS=EPSG:25832&WIDTH=833&HEIGHT=551&LAYERS=rt_ambamm.idcomuni.rt.poly&STYLE=8;STYLES=&FORMAT=image/png&QUERY_LAYERS=rt_ambamm.idcomuni.rt.poly&INFO_FORMAT=text/gml&l=423&j=185&FEATURE_COUNT=10

If I try the same request on a firefox browser I can see that the wms server response is a correct GML style.

I don't know why the qgis-dev is still not understanding the GML response, but otherwise now the wms server is responding correctly.

So I close this ticket.

#4 - 2013-02-10 06:55 AM - Jürgen Fischer

- Status changed from Open to Closed