

QGIS Application - Bug report #1599

WMS and WFS problems with GeoServer

2009-03-28 01:03 AM - Paolo Cavallini

Status: Closed	
Priority: Low	
Assignee: nobody -	
Category: Web Services clients/WMS	
Affected QGIS version:	Regression?: No
Operating System: All	Easy fix?: No
Pull Request or Patch supplied:	Resolution: fixed
Crashes QGIS or corrupts data:	Copied to github as #: 11659
Description	
<p>A test WMS server is at: http://www.lucamorandini.it/geoserver/wms , while the WFS one is at:http://www.lucamorandini.it/geoserver/wfs</p> <p>As I see it. there are two issues when Quantum GIS and Geoserver interact:</p> <p>1) QGIS does not retrieve all available styles when listing WMS layers to be added, only the first one ("burg", in this case) is shown; if that style is not applicable to the chosen WMS layer, the layer won't show.</p> <p>2) QGIS does not prefix WFS requests with the proper namespace, for instance it asks for:</p> <pre>GET /wfs?SERVICE=WFS&VERSION=1.0.0&REQUEST=DescribeFeatureType&TYPENAME=region</pre> <p>while TYPENAME should be psc:region instead.</p>	

History

#1 - 2009-04-01 01:24 AM - Marco Hugentobler

One problem with the WMS server is that it states the url for [[GetMap]] requests to be

<http://localhost/>... (see below)

where it should be <http://www.lucamorandini.it/geoserver/wms>

<GetMap>

```
<Format>image/png</Format>
<Format>application/atom+xml</Format>
<Format>application/atom+xml</Format>
<Format>application/openlayers</Format>
<Format>application/pdf</Format>
<Format>application/rss+xml</Format>
<Format>application/rss+xml</Format>
<Format>application/vnd.google-earth.kml</Format>
<Format>application/vnd.google-earth.kml+xml</Format>
<Format>application/vnd.google-earth.kml+xml</Format>
<Format>application/vnd.google-earth.kmz</Format>
<Format>application/vnd.google-earth.kmz+xml</Format>
<Format>application/vnd.google-earth.kmz+xml</Format>
<Format>atom</Format>
```

```
<Format>image/geotiff</Format>
<Format>image/geotiff8</Format>
<Format>image/gif</Format>
<Format>image/jpeg</Format>
<Format>image/png8</Format>
<Format>image/svg</Format>
<Format>image/svg+xml</Format>
<Format>image/tiff</Format>
<Format>image/tiff8</Format>
<Format>kml</Format>
<Format>kmz</Format>
<Format>openlayers</Format>
<Format>rss</Format>
<DCPType>
  <HTTP>
    <Get>
      <OnlineResource xmlns:xlink="http://www.w3.org/1999/xlink" xlink:type="simple"
xlink:href="http://localhost:8080/geoserver/wms?SERVICE=WMS&" />
    </Get>
  </HTTP>
</DCPType>
</GetMap>
```

#2 - 2009-04-02 12:58 AM - Paolo Cavallini

Luca has corrected the issue with host name and path returned from [[GetCapabilities]] (now the [[OnlineResource]] attribute points to: www.lucamorandini.it/geoserver), please check.

#3 - 2009-05-02 02:01 AM - Marco Hugentobler

- Resolution set to fixed
- Status changed from Open to Closed

And issue 3) is that the WFS server does not provide information about the layer extent. So commit:69c5d8e0 (SVN r10698) contains a fallback method to calculate the layer extent if wfs server does not provide one.