

QGIS Application - Bug report #436

QGIS should not use SRS not supported by WMS server

2006-12-07 10:03 AM - maris-kde-gmail-com -

Status: Closed	
Priority: Low	
Assignee: Brendan Morley -	
Category: Web Services clients/WMS	
Affected QGIS version:	Regression?: No
Operating System: Gentoo	Easy fix?: No
Pull Request or Patch supplied:	Resolution: fixed
Crashes QGIS or corrupts data:	Copied to github as #: 10495

Description

Pre-1.3 WMS servers may not have defined EPSG:4326 as supported SRS. Requesting not announced SRS will result in failure. [[br]] QGIS should request data using one of server's announced SRS and not to try EPSG:4326 by default.

Request contains a SRS not offered by the server for one or more of the Layers in the request.

The WMS vendor also reported:

msWMSLoadGetMapParams(): WMS server error. Invalid SRS given : SRS must be valid for all requested layers.

This is probably due to a bug in the QGIS program. Please report this error.

Tried URL:

```
http://192.168.0.7/cgi-bin/mapserv?map=/home/knoppix/geodata/trollopusus.map&SERVICE=WMS&VERSION=1.1.0&REQUEST=GetMap&ST=GetMap&BBOX=-103.877000,44.373000,-103.622000,44.502300&SRS=EPSG:4326&WIDTH=553&HEIGHT=280&LAYERS=roads&S=roads&STYLES=&FORMAT=image/gif&TRANSPARENT=TRUE
```

```
<?xml version='1.0' encoding="UTF-8" standalone="no" ?>
```

```
<!DOCTYPE WMT_MS_Capabilities SYSTEM "http://schemas.opengis.net/wms/1.1.0/capabilities_1_1_0.dtd"
```

```
[
```

```
<!ELEMENT [[VendorSpecificCapabilities]] EMPTY>
```

```
<WMT_MS_Capabilities version="1.1.0">
```

```
<!-- [[MapServer]] version 4.10.0 OUTPUT=GIF OUTPUT=PNG OUTPUT=JPEG OUTPUT=WBMP OUTPUT=SVG
```

```
SUPPORTS=PROJ SUPPORTS=FREETYPE SUPPORTS=WMS_SERVER SUPPORTS=WMS_CLIENT
```

```
SUPPORTS=WFS_SERVER SUPPORTS=WFS_CLIENT SUPPORTS=WCS_SERVER SUPPORTS=THREADS
```

```
SUPPORTS=GEOS INPUT=EPPL7 INPUT=POSTGIS INPUT=OGR INPUT=GDAL INPUT=SHAPEFILE DEBUG=MSDEBUG
```

```
-->
```

```
<Service>
```

```
<Name>OGC:WMS</Name>
```

```
<Title>Trollopusus bibulosa karte</Title>
```

```
<OnlineResource xmlns:xlink="http://www.w3.org/1999/xlink"
```

```
xlink:href="http://192.168.0.7/cgi-bin/mapserv?map=/home/knoppix/geodata/trollopusus.map&";/>
```

```
</Service>
```

```
<Capability>
```

```
<Request>
```

```
<GetCapabilities>
```

```
<Format>application/vnd.ogc.wms_xml</Format>
```

```

<DCPType>
  <HTTP>
    <Get><OnlineResource xmlns:xlink="http://www.w3.org/1999/xlink"
xlink:href="http://192.168.0.7/cgi-bin/mapserv?map=/home/knoppix/geodata/trollopusus.map&";/></Get>
    <Post><OnlineResource xmlns:xlink="http://www.w3.org/1999/xlink"
xlink:href="http://192.168.0.7/cgi-bin/mapserv?map=/home/knoppix/geodata/trollopusus.map&";/></Post>
  </HTTP>
</DCPType>
</GetCapabilities>
<GetMap>
  <Format>image/gif</Format>
  <Format>image/png</Format>
  <Format>image/png; mode=24bit</Format>
  <Format>image/jpeg</Format>
  <Format>image/wbmp</Format>
  <Format>image/tiff</Format>
<DCPType>
  <HTTP>
    <Get><OnlineResource xmlns:xlink="http://www.w3.org/1999/xlink"
xlink:href="http://192.168.0.7/cgi-bin/mapserv?map=/home/knoppix/geodata/trollopusus.map&";/></Get>
    <Post><OnlineResource xmlns:xlink="http://www.w3.org/1999/xlink"
xlink:href="http://192.168.0.7/cgi-bin/mapserv?map=/home/knoppix/geodata/trollopusus.map&";/></Post>
  </HTTP>
</DCPType>
</GetMap>
<GetFeatureInfo>
  <Format>text/plain</Format>
  <Format>application/vnd.ogc.gml</Format>
<DCPType>
  <HTTP>
    <Get><OnlineResource xmlns:xlink="http://www.w3.org/1999/xlink"
xlink:href="http://192.168.0.7/cgi-bin/mapserv?map=/home/knoppix/geodata/trollopusus.map&";/></Get>
    <Post><OnlineResource xmlns:xlink="http://www.w3.org/1999/xlink"
xlink:href="http://192.168.0.7/cgi-bin/mapserv?map=/home/knoppix/geodata/trollopusus.map&";/></Post>
  </HTTP>
</DCPType>
</GetFeatureInfo>
<DescribeLayer>
  <Format>text/xml</Format>
<DCPType>
  <HTTP>
    <Get><OnlineResource xmlns:xlink="http://www.w3.org/1999/xlink"
xlink:href="http://192.168.0.7/cgi-bin/mapserv?map=/home/knoppix/geodata/trollopusus.map&";/></Get>
    <Post><OnlineResource xmlns:xlink="http://www.w3.org/1999/xlink"
xlink:href="http://192.168.0.7/cgi-bin/mapserv?map=/home/knoppix/geodata/trollopusus.map&";/></Post>
  </HTTP>
</DCPType>
</DescribeLayer>
<GetLegendGraphic>
  <Format>image/gif</Format>
  <Format>image/png</Format>
  <Format>image/png; mode=24bit</Format>
  <Format>image/jpeg</Format>

```

```

<Format>image/wbmp</Format>
<DCPType>
  <HTTP>
    <Get><OnlineResource xmlns:xlink="http://www.w3.org/1999/xlink"
xlink:href="http://192.168.0.7/cgi-bin/mapserv?map=/home/knoppix/geodata/trollopusus.map&";/></Get>
    <Post><OnlineResource xmlns:xlink="http://www.w3.org/1999/xlink"
xlink:href="http://192.168.0.7/cgi-bin/mapserv?map=/home/knoppix/geodata/trollopusus.map&";/></Post>
  </HTTP>
</DCPType>
</GetLegendGraphic>
<GetStyles>
  <Format>text/xml</Format>
  <DCPType>
    <HTTP>
      <Get><OnlineResource xmlns:xlink="http://www.w3.org/1999/xlink"
xlink:href="http://192.168.0.7/cgi-bin/mapserv?map=/home/knoppix/geodata/trollopusus.map&";/></Get>
      <Post><OnlineResource xmlns:xlink="http://www.w3.org/1999/xlink"
xlink:href="http://192.168.0.7/cgi-bin/mapserv?map=/home/knoppix/geodata/trollopusus.map&";/></Post>
    </HTTP>
  </DCPType>
</GetStyles>
</Request>
<Exception>
  <Format>application/vnd.ogc.se_xml</Format>
  <Format>application/vnd.ogc.se_inimage</Format>
  <Format>application/vnd.ogc.se_blank</Format>
</Exception>
<VendorSpecificCapabilities />
<UserDefinedSymbolization [[SupportSLD]]= "1" [[UserLayer]]= "0" [[UserStyle]]= "1" [[RemoteWFS]]= "0"/>
<Layer>
  <Name>trollopusus</Name>
  <Title>Trollopusus bibulosa karte</Title>
  <SRS>EPSG:26713</SRS>
  <LatLonBoundingBox minx="-103.877" miny="44.373" maxx="-103.622" maxy="44.5023" />
  <BoundingBox SRS="EPSG:26713"
    minx="589435" miny="4.91401e+06" maxx="609527" maxy="4.92806e+06" />
  <Layer queryable="0" opaque="0" cascaded="0">
    <Name>streams</Name>
    <Title>Upes</Title>
    <SRS>EPSG:26713</SRS>
    <LatLonBoundingBox minx="-103.877" miny="44.3724" maxx="-103.622" maxy="44.5023" />
    <BoundingBox SRS="EPSG:26713"
      minx="589443" miny="4.91394e+06" maxx="609527" maxy="4.92806e+06" />
  </Layer>
  <!-- WARNING: This layer has its status set to DEFAULT and will always be displayed when doing a [[GetMap]] request even if it
is not requested by the client. This is not in line with the expected behavior of a WMS server. Using status ON or OFF is
recommended. -->
  <Layer queryable="0" opaque="0" cascaded="0">
    <Name>roads</Name>
    <Title>Autoceļi</Title>
    <SRS>EPSG:26713</SRS>
    <LatLonBoundingBox minx="-103.877" miny="44.373" maxx="-103.622" maxy="44.5023" />
    <BoundingBox SRS="EPSG:26713"

```

```
minx="589435" miny="4.91401e+06" maxx="609527" maxy="4.92806e+06" />
```

```
</Layer>
```

```
</Layer>
```

```
</Capability>
```

```
</WMT_MS_Capabilities>
```

History

#1 - 2006-12-08 04:54 AM - Martin Dobias

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

Fixed in commit:8b77487c (SVN r6210). When default SRS is not supported, one of available reference systems will be chosen.

#2 - 2009-08-22 12:46 AM - Anonymous

Milestone Version 0.8 deleted