

QGIS Application - Bug report #3305

lat and lon swapped in WMS 1.3.0 GetMap request?

2010-12-07 03:21 PM - johnolulu -

Status:	Closed	
Priority:	Low	
Assignee:	Marco Hugentobler	
Category:	Web Services clients/WMS	
Affected QGIS version:	master	Regression?: No
Operating System:	Windows	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: fixed/implemented
Crashes QGIS or corrupts data:	No	Copied to github as #: 13365
Description		
<p>When testing my service with WMS 1.3.0 in Quantum GIS, I get a blank map. When switching to WMS 1.1.1 for the same layer, the map is fine:</p>		
<p>WMS 1.3.0 URL: http://oos.soest.hawaii.edu/thredds/wms/hioos/roms_forec/hiig/HI-ROMS_Forecast_Model_Run_Collection_best.ncd?service=WMS&#8;version=1.3.0&#38;request=GetCapabilities</p>		
<p>WMS 1.1.1 URL: http://oos.soest.hawaii.edu/thredds/wms/hioos/roms_forec/hiig/HI-ROMS_Forecast_Model_Run_Collection_best.ncd?service=WMS&#8;version=1.1.1&#38;request=GetCapabilities</p>		
<p>I have tested this layer as version WMS 1.3.0 in other clients successfully (ENVI Zoom and Godiva2) so I suspect it is a bug in Quantum GIS and not with my data (coming through a Unidata THREDDS Data Server). If the bug is the same as what I discovered in Gaia 3, then the following may be the problem: the resulting [[GetMap]] request URLs in 1.3.0 have a BBOX parameter with the latitudes and longitudes erroneously swapped. Gaia does not take into account CRS84 (lon/lat) order, but assumes the urn:ogc:def:crs:EPSG::4326 order (lat/lon) instead--which they are now correcting. Possibly Quantum GIS has a similar artifact of spec changes by OGC?</p>		
<p>Thanks for your attention to this.</p> <p>Cheers,</p> <p>John Maurer</p> <p>Hawaii Ocean Observing System</p> <p>University of Hawaii at Mano</p>		

History

#1 - 2011-12-16 01:49 PM - Giovanni Manghi

- Target version changed from Version 1.7.0 to Version 1.7.4

#2 - 2012-04-16 06:24 AM - Paolo Cavallini

- Crashes QGIS or corrupts data set to No

- Target version changed from Version 1.7.4 to Version 1.8.0

- Affected QGIS version set to master

#3 - 2012-09-04 12:02 PM - Paolo Cavallini

- Target version changed from Version 1.8.0 to Version 2.0.0

#4 - 2014-06-28 07:38 AM - Jürgen Fischer

- Target version changed from Version 2.0.0 to Future Release - Lower Priority

#5 - 2015-11-19 05:06 AM - Médéric RIBREUX

- *Pull Request or Patch supplied set to No*
- *Status changed from Open to Closed*
- *% Done changed from 0 to 100*
- *Resolution set to fixed/implemented*

Hello, bug triage...

on QGIS 2.13 (and probably previous versions), I've got no problems to use your WMS v1.3.0 service (on <http://pacioos-mapserver2.ancl.hawaii.edu:8081/geoserver/ows?version=1.3.0>).

I think we can close this bug because WMS 1.3.0 QGIS implementation seems good enough now.