

QGIS Application - Bug report #12606

URL format in request DescribeFeature, && in URL request.

2015-04-20 01:51 AM - Peder Dalin

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	Web Services clients/WFS	
<b>Affected QGIS version:</b>	2.8.1	<b>Regression?:</b> No
<b>Operating System:</b>	Windows	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	No	<b>Resolution:</b> not reproducible
<b>Crashes QGIS or corrupts data:</b>	No	<b>Copied to github as #:</b> 20726
<b>Description</b>		
<p>The WFS request DescribeFeature has two &amp;&amp; in the URL request.</p> <p>The generated URL from QGIS is</p> <p>?SERVICE=WFS&amp;VERSION=1.0.0&amp;TYPENAME=name:layer&amp;&amp;REQUEST=DescribeFeatureType</p> <p>This is how the URL request should look like</p> <p>?SERVICE=WFS&amp;VERSION=1.0.0&amp;TYPENAME=name:layer&amp;REQUEST=DescribeFeatureType</p>		

History

#1 - 2015-04-26 01:54 AM - Giovanni Manghi

- Status changed from Open to Feedback

seems fine here on QGIS master, example:

?service=WFS&version=1.0.0&request=DescribeFeatureType&typeName=area%3AEEZ\_HIGHSEAS

#2 - 2015-04-28 02:35 AM - Peder Dalin

Thanks for the answer.

I have done some more research in this case. The web request in the QGIS log and the actual HTTPwebrequest from QGIS does not match. If you use a trace program like Fiddler Web Debugger you will se the difference. In the fiddler trace request there is two && in the request.

#3 - 2015-05-04 02:27 AM - Giovanni Manghi

Peder Dalin wrote:

Thanks for the answer.

I have done some more research in this case. The web request in the QGIS log and the actual HTTPwebrequest from QGIS does not match. If you use a trace program like Fiddler Web Debugger you will se the difference. In the fiddler trace request there is two && in the request.

I used Wireshark, there the URL shows ok.

#### #4 - 2015-05-10 01:12 AM - Jürgen Fischer

- Target version changed from Version 2.8.2 to Future Release - Lower Priority

#### #5 - 2015-05-24 08:53 AM - Giovanni Manghi

- Status changed from Feedback to Closed

- Resolution set to not reproducible

closing for lack of feedback.

#### #6 - 2016-02-24 02:42 AM - Andreas Wicht

I was able to reproduce this issue.

I am on 2.12.3-Lyon sending an WFS Request and capturing it via tcpflow on Ubuntu 14.04.

##### 1. GetCapabilities - OK

GET

[...]/MapServer/WFSServer?SERVICE=WFS&REQUEST=GetCapabilities&VERSION=1.0.0

HTTP/1.1

User-Agent: Mozilla/5.0 QGIS/2.12.3-Lyon

Connection: Keep-Alive

Accept-Encoding: gzip

Accept-Language: en-US,\*

Host: someserver

HTTP/1.1 200 OK

Content-Type: text/xml

Transfer-Encoding: chunked

Date: Tue, 23 Feb 2016 15:37:35 GMT

##### 2. DescribeFeatureType - FAIL

GET

[...]/MapServer/WFSServer?SERVICE=WFS&VERSION=1.0.0&TYPENAME=NS:MyLayer&&REQUEST=DescribeFeatureType

HTTP/1.1

User-Agent: Mozilla/5.0 QGIS/2.12.3-Lyon

Connection: Keep-Alive

Accept-Encoding: gzip

Accept-Language: en-US,\*

Host: someserver

HTTP/1.0 400 Missing HTTP version

in request:

Server: proxy 1.189

Content-Length: 197

Missing HTTP version in request: 'GET

[...]MapServer/WFSServer?SERVICE=WFS&VERSION=1.0.0&TYPENAME=NS:MyLayerREQU...

In this case it is a huge issue as the WFS Server is behind a proxy-server which only accepts valid (according to ogc) requests. Removing the double '&&' leads to a successful request.

I highly suggest to evaluate this issue again.