QGIS Application - Bug report #12606
URL format in request DescribeFeature, && in URL request.

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

Status:	Closed			
Priority:	Normal			
Assignee:				
Category:	Web Services clients/WFS			
Affected QGIS version:	2.8.1	**Regression?:**	No	
Operating System:	Windows	**Easy fix?:**	No	
Pull Request or Patch supplied:	No	**Resolution:**	not reproducable	
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	20726	

Description

The WFS request DescribeFeature has two && in the URL request.

The generated URL from QGIS is
?SERVICE=WFS&VERSION=1.0.0&TYPENAME=name:layer&&REQUEST=DescribeFeatureType

This is how the URL request should look like
?SERVICE=WFS&VERSION=1.0.0&TYPENAME=name:layer&REQUEST=DescribeFeatureType

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 reproducable

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.