

QGIS Application - Feature request #1733

When a / is on the end of an url http: is dropped from the GET

2009-06-12 07:36 AM - skinkie -

Status:	Closed	
Priority:	Low	
Assignee:	Marco Hugentobler	
Category:	Web Services clients/WMS	
Pull Request or Patch supplied:		Resolution: fixed
Easy fix?:	No	Copied to github as #: 11793
Description		
<p>When <a href="http://something/">http://something/</a> is written as url the GET request to the webserver doesn't contain http: instead GET //something/?SERVICE...</p> <p>This causes the webserver to act as if //something/ was actually a webdirectory.</p>		

History

#1 - 2009-07-11 01:31 AM - Giovanni Manghi

I'm sorry,

this is not clear to me. Could you be more specific, what component you are speaking about?

#2 - 2009-07-11 03:04 PM - skinkie -

I guess the component that creates the URL for the web request?

#3 - 2009-07-11 03:22 PM - Giovanni Manghi

What web request? wms?

#4 - 2009-07-11 03:29 PM - skinkie -

In this case it was WMS, but I didn't test if it also happens on a WFS request.

#5 - 2009-07-12 12:45 AM - Giovanni Manghi

I tested a few wms server urls (the ones added by default by qgis, among the others) by adding a trailing "/" and they work fine.

I used qgis >= 1.1

Please check it again and report back.

#6 - 2009-07-12 02:15 AM - skinkie -

Did you check it in wireshark what is the actual request, not what works at a random webserver?

#7 - 2009-07-12 03:12 AM - Giovanni Manghi

I'm not really into programs like wireshark, but I'll attach here the log produced by making two requests to the same server, one with the trailing slash, the other without.

Have a look and leave further feedback.

#8 - 2009-07-14 08:49 AM - skinkie -

Just checked out SVN; error is still there.

WMS URL: <http://wms.openstreet.nl/>

GET //wms.openstreet.nl/?SERVICE=WMS&REQUEST=GetCapabilities HTTP/1.1

Host: wms.openstreet.nl

User-agent: Quantum GIS - 1.2.0-Unstable Trunk

HTTP/1.1 200 OK

Connection: Keep-Alive

Keep-Alive: timeout=15

Transfer-Encoding: chunked

Date: Tue, 14 Jul 2009 15:40:01 GMT

Server: Cherokee/0.99.21b3444 (UNIX)

Content-type: text/html

1fc

```
<HTML>
<HEAD><TITLE>MapServer Message</TITLE></HEAD>
<!-- [[MapServer]] version 5.0.0 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=SOS_SERVER SUPPORTS=THREADS SUPPORTS=GEOS INPUT=EPPL7 INPUT=POSTGIS
INPUT=OGR INPUT=GDAL INPUT=SHAPEFILE -->
<BODY BGCOLOR="#FFFFFF">
msLoadMap(): Unable to access file. (/home/wms/mapfiles/wms.openstreet.nl/.map)
</BODY></HTML>
```

0

#9 - 2009-07-14 10:29 AM - skinkie -

Index: src/core/qgshttptransaction.cpp=====
--- src/core/qgshttptransaction.cpp (revision 11070)

```

+++ src/core/qgshttptransaction.cpp    (working copy)
@ -133,9 +133,15 @
// http://www.address.bit:80), so remove that from the url before
// executing an http GET.

- QString pathAndQuery = httpurl.remove( 0, httpurl.indexOf( qurl.path() ) );

+ [[QgsDebugMsg]]( "qurl.path() is "" + qurl.path() + ""." );

+ QString pathAndQuery = httpurl.remove( 0, httpurl.indexOf( qurl.host() ) );
+ pathAndQuery = httpurl.remove( 0, pathAndQuery.indexOf( qurl.path() ) );

[[QgsDebugMsg]]( "pathAndQuery is "" + pathAndQuery + ""." );

if ( !postData ) //do request with HTTP GET  {
    header.setRequest( "GET", pathAndQuery );

```

The above fixes it, but if someone with real QT C++ skills can look at this, it would probably be better.

#### #10 - 2009-07-14 10:04 PM - Marco Hugentobler

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

Applied in commit:3f3743bd (SVN r11072).

Thanks!

Marco

## Files

wireshark	35.2 KB	2009-07-12	Giovanni Manghi
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