

## 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 -

<b>Status:</b> Closed	
<b>Priority:</b> Low	
<b>Assignee:</b> Marco Hugentobler	
<b>Category:</b> Web Services clients/WMS	
<b>Pull Request or Patch supplied:</b>	<b>Resolution:</b> fixed
<b>Easy fix?:</b> No	<b>Copied to github as #:</b> 11793
<b>Description</b>	
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...	
This causes the webserver to act as if //something/ was actually a webdirectory.	

#### History

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##### #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/qgshhttptransaction.cpp=====

--- src/core/qgshhttptransaction.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

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wireshark	35.2 KB	2009-07-12	Giovanni Manghi
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