

## QGIS Application - Bug report #17498

### WMS GetFeatureInfo requests not working

2017-11-20 12:48 PM - James Passmore

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          |                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------------------|
| <b>Status:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Closed                   |                                      |
| <b>Priority:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | High                     |                                      |
| <b>Assignee:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Alessandro Pasotti       |                                      |
| <b>Category:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Web Services clients/WMS |                                      |
| <b>Affected QGIS version:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | master                   | <b>Regression?:</b> Yes              |
| <b>Operating System:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | unspecified              | <b>Easy fix?:</b> No                 |
| <b>Pull Request or Patch supplied:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | No                       | <b>Resolution:</b> fixed/implemented |
| <b>Crashes QGIS or corrupts data:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | No                       | <b>Copied to github as #:</b> 25395  |
| <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                                      |
| <p>Trying to do a WMS GetFeatureInfo request results in an error such as:</p> <p>msWMSFeatureInfo(): WMS server error. Invalid I/J values<br/>(on a local instance of MapServer)</p> <p>or</p> <p>Parameter X(or Y,I,J) out of scope<br/>(on a remote ArcGIS service)</p> <p>With a request like:</p> <p>hydrogeology/MapServer/WmsServer?SERVICE=WMS&amp;VERSION=1.3.0&amp;REQUEST=GetFeatureInfo&amp;BBOX=-1.8617438180687928,52.1834395954103627,-0.14115908462290472,53.72364044551835605&amp;CRS=CRS:84&amp;WIDTH=868&amp;HEIGHT=777&amp;LAYERS=Hydrogeology&amp;STYLES=&amp;FORMAT=image/png&amp;QUERY_LAYERS=Hydrogeology&amp;INFO_FORMAT=text/html&amp;I=939&amp;J=27102</p> |                          |                                      |

#### Associated revisions

**Revision 94a1e68a - 2017-11-22 06:51 PM - Alessandro Pasotti**

[bugfix][wms] Fix GetFeatureInfo

Fixes #17498 WMS GetFeatureInfo requests not working

Use the right variable instead of an uninitialized one ( followup b119744 )

#### History

**#1 - 2017-11-20 01:01 PM - James Passmore**

Looking at the local logs, requests to the MapServer instance that result in the error are like:

/cgi-bin/exemplars/BGS\_Bedrock\_and\_Superficial\_Geology/wms?SERVICE=WMS&VERSION=1.3.0&REQUEST=GetFeatureInfo&BBOX=53.3398044241124275,-2.24691918108755129,54.12614968139177307,-1.45132282164842641&CRS=EPSG:4326&WIDTH=516&HEIGHT=510&LAYERS=GBR\_BGS\_625k\_SLS&STYLES=&FORMAT=image/png&QUERY\_LAYERS=GBR\_BGS\_625k\_SLS&INFO\_FORMAT=text/html&I=1457&J=35104

**#2 - 2017-11-21 11:18 AM - Giovanni Manghi**

- Status changed from Open to Feedback

Can you provide the full URL of the endpoint? what is the endpoint? mapserver? geoserver? else?

**#3 - 2017-11-21 11:19 AM - Giovanni Manghi**

Does the same endpoint work as expected on 2.18.14?

**#4 - 2017-11-21 12:22 PM - James Passmore**

The following MapServer WMS has the issue on: QGIS version 2.99.0-Master QGIS code revision af5b2a750a

<http://ogc.bgs.ac.uk/cgi-bin/TFL-PSI/ows?>

The same service works on: QGIS version 2.18.3 QGIS code revision 77b8c3d

Here's an example GFI that works on the service:

[http://ogc.bgs.ac.uk/cgi-bin/TFL-PSI/ows?language=eng&#38;REQUEST=GetFeatureInfo&#38;SERVICE=WMS&#38;VERSION=1.3.0&#38;LAYERS=BR\\_Stoke-on-Trent\\_ESA\\_EN\\_5k\\_psi\\_TS&#38;STYLES=&#38;FORMAT=image/png&#38;BGCOLOR=0xFFFFFF&#38;TRANSPARENT=TRUE&#38;CRS=EPSG:4326&#38;BBOX=53.0052235378464,-2.28573545848794,53.1251768672774,-2.13175281574312&#38;WIDTH=1086&#38;HEIGHT=846&#38;QUERY\\_LAYERS=GBR\\_Stoke-on-Trent\\_ESA\\_EN\\_5k\\_psi\\_TS&#38;i=337&#38;j=255&#38;info\\_format=text/htmlx%x%](http://ogc.bgs.ac.uk/cgi-bin/TFL-PSI/ows?language=eng&#38;REQUEST=GetFeatureInfo&#38;SERVICE=WMS&#38;VERSION=1.3.0&#38;LAYERS=BR_Stoke-on-Trent_ESA_EN_5k_psi_TS&#38;STYLES=&#38;FORMAT=image/png&#38;BGCOLOR=0xFFFFFF&#38;TRANSPARENT=TRUE&#38;CRS=EPSG:4326&#38;BBOX=53.0052235378464,-2.28573545848794,53.1251768672774,-2.13175281574312&#38;WIDTH=1086&#38;HEIGHT=846&#38;QUERY_LAYERS=GBR_Stoke-on-Trent_ESA_EN_5k_psi_TS&#38;i=337&#38;j=255&#38;info_format=text/htmlx%x%)

The following ArcGIS service is the service in the report:

[https://map.bgs.ac.uk/arcgis/services/GeoIndex\\_Onshore/hydrogeology/MapServer/WmsServer?](https://map.bgs.ac.uk/arcgis/services/GeoIndex_Onshore/hydrogeology/MapServer/WmsServer?)

GFI works on: QGIS version 2.18.3 QGIS code revision 77b8c3d

The following GeoServer service doesn't work on: QGIS version 2.99.0-Master QGIS code revision af5b2a750a

[http://ogc.bgs.ac.uk:80/digmap625k\\_gsml\\_insp\\_gs/ows?](http://ogc.bgs.ac.uk:80/digmap625k_gsml_insp_gs/ows?)

It works as expected on: QGIS version 2.18.3 QGIS code revision 77b8c3d

**#5 - 2017-11-21 01:05 PM - Giovanni Manghi**

- Priority changed from Normal to High
- Regression? changed from No to Yes
- Operating System deleted (Windows Server 2016)
- Status changed from Feedback to Open

**#6 - 2017-11-22 05:42 PM - Alessandro Pasotti**

- Assignee set to Alessandro Pasotti

**#7 - 2017-11-22 06:55 PM - Anonymous**

- Status changed from Open to Closed
- % Done changed from 0 to 100

Applied in changeset commit:qgis|94a1e68a25199e455bc6126ed02c55ff250defa9.

#8 - 2017-11-23 05:43 PM - Giovanni Manghi  
- Resolution set to fixed/implemented

Files

|                    |        |            |                |
|--------------------|--------|------------|----------------|
| GFI-notwroking.png | 118 KB | 2017-11-20 | James Passmore |
|--------------------|--------|------------|----------------|