

## QGIS Application - Bug report #6030

### WMS client : add the Feature\_Count param in the GetFeatureInfo request

2012-07-12 02:12 PM - aperi2007 -

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> Web Services clients/WMS	
<b>Affected QGIS version:</b> master	<b>Regression?:</b> No
<b>Operating System:</b>	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	<b>Resolution:</b> worksforme
<b>Crashes QGIS or corrupts data:</b>	<b>Copied to github as #:</b> 15405

#### Description

Hi, I notice the qgis when do an identify on a LayerWMS, it will return always one only feature also when there is more than one feature on the point clicked.

I found the reason is on the miss of a parameter.

Infact the WMS specs establish that the max number of feature the WMS will return from a GetFeatureInfo is given from the FEATURE\_COUNT parameter. If that parameter is missing in the request is assumed it is 1.

So the wms return always one feature.

I guess should be better that qgis will insert always a parameter FEATURE\_COUNT=10 (I guess 10 feature overlapping are sufficient for all the situations).

An exmple of request with feature\_count is this:

[  
[http://web.regione.toscana.it/wmsraster/com.rt.wms.RTmap/wms?map=wmscastore&#38;language=ita&#38;SERVICE=WMS&#38;VERSION=1.3.0&#38;REQUEST=GetFeatureInfo&#38;BBOX=632180.3356719792354852,4796080.1425704099237919,632257.838993315817782,58177882,4796138.3034105179831386&#38;CRS=EPSG:25832&#38;WIDTH=581&#38;HEIGHT=437&#38;LAYERS=r\\_toscan\\_cst\\_delimitazione\\_fogli&#38;STYLES=&#38;FORMAT=image/png&#38;QUERY\\_LAYERS=r\\_toscan\\_cst\\_delimitazione\\_fogli&#38;FEATURE\\_COUNT=10&#38;INFO\\_FORMAT=text/html&#38;I=240&#38;J=200](http://web.regione.toscana.it/wmsraster/com.rt.wms.RTmap/wms?map=wmscastore&#38;language=ita&#38;SERVICE=WMS&#38;VERSION=1.3.0&#38;REQUEST=GetFeatureInfo&#38;BBOX=632180.3356719792354852,4796080.1425704099237919,632257.838993315817782,58177882,4796138.3034105179831386&#38;CRS=EPSG:25832&#38;WIDTH=581&#38;HEIGHT=437&#38;LAYERS=r_toscan_cst_delimitazione_fogli&#38;STYLES=&#38;FORMAT=image/png&#38;QUERY_LAYERS=r_toscan_cst_delimitazione_fogli&#38;FEATURE_COUNT=10&#38;INFO_FORMAT=text/html&#38;I=240&#38;J=200)  
]

#### History

##### #1 - 2012-07-12 02:43 PM - Jürgen Fischer

- Resolution set to worksforme

- Status changed from Open to Closed

Already implemented in commit:7f3d79ab. The number of features can be specified in the WMS dialog.

##### #2 - 2012-07-12 10:59 PM - aperi2007 -

Great !

But I guess should better set the feature\_limit to a number gret then zero.

Infact very often the user need to know all the feature in a point.

Very few time the user need to know only one.

Especially because the WMS send the first it find not the top-most.

So the user could have a wrong perception of the dataset if it see only one feature.

Instead setting it to a value bigger then 0 for example 10 or 100 (why not?)

is better because if there is only one feature the response is the same otherwise the user will have all the feature available.

If the user like to have only one (randomic) feature of that availables it could reduce it the value from 100 to 1 or 0 (0 mean 1 for wms here).