QGIS Application - Bug report #11645
WFS bounding box issue

2014-11-14 06:48 AM - Neil Benny

Status:	Closed			
Priority:	Normal			
Assignee:				
Category:	Web Services clients/WFS			
Affected QGIS version:	2.6.0	**Regression?:**	No	
Operating System:	Windows	**Easy fix?:**	No	
Pull Request or Patch supplied:		**Resolution:**	not reproducable	
Crashes QGIS or corrupts data:		**Copied to github as #:**	19898	

Description

When loading a WFS into QGIS uncached the bounding box seems to expand when the map is panned.

I view an area on an initial view and can see the features loaded. I then pan directly to the northeast and the new features are loaded along with the old features. Features to the north and east of the original area are also loaded even though they are not and have not been within the viewing extent (see diagram).

This slows down and causes issues with feature limits.

The problem can be replicated using the following WFS: http://ogc.bgs.ac.uk/cgi-bin/BGS_Bedrock_and_Superficial_Geology/wms?

It can be replicated:

zoom in to a bounding box: -3.90,55.97 : -3.16,56.46 (EPSG 4326)
Add the BGS lithography lay 1:625k untick the cached box using the WFS tool
once data is loaded pan to the northwest to a whole new area.
Select all features
Copy features
Paste as memory layer

You will see that the features cover an area much wider than the two view extents.

I have tested this on previous versions 2.2 - 2.6 and the bug is present

History

#1 - 2017-01-17 06:41 AM - Giovanni Manghi

- Resolution set to not reproducable

- Status changed from Open to Closed

Since the report the wfs client has been overhauled, and options changed/removed. The available "only request features overlapping..." works as expected now. Please reopen if necessary.

Files

greenbug_schematic.jpg	18.3 KB	2014-11-14	Neil Benny