

QGIS Application - Feature request #3457

Connect to WMS service should provide STOP/Cancel button

2011-01-31 11:38 PM - marish -

Status:	Open	Resolution: Copied to github as #: 13517
Priority:	Low	
Assignee:	Marco Hugentobler	
Category:	Web Services clients/WMS	
Pull Request or Patch supplied:	No	
Easy fix?:	No	
Description		
When I choose not working WMS server from connections list and click "Connect" button, QGIS just hangs till socket times out. It would be better to provide Stop/Cancel request button (ESC key) to stop current request and return to previous state.		

History

#1 - 2011-12-16 01:49 PM - Giovanni Manghi

- Target version changed from Version 1.7.0 to Version 1.7.4

#2 - 2012-04-15 10:10 AM - Giovanni Manghi

- Target version changed from Version 1.7.4 to Version 2.0.0

#3 - 2012-10-06 02:35 AM - Pirmin Kalberer

- Target version changed from Version 2.0.0 to Future Release - Nice to have

#4 - 2013-03-08 08:22 AM - Sandro Santilli

- Pull Request or Patch supplied set to No

- Operating System deleted (Gentoo)

+1, I've just hit this one. Qgis enters what looks like an infinite loop here, actually (unless the timeout is really really long). The log continuously show these lines:

Debug: src/providers/wms/qgswmsprovider.cpp: 1445: (capabilitiesReplyFinished) entering.

Debug: src/providers/wms/qgswmsprovider.cpp: 1448: (capabilitiesReplyFinished) reply ok

Debug: src/providers/wms/qgswmsprovider.cpp: 1460: (capabilitiesReplyFinished) redirected getcapabilities:

http://imsortho.cr.usgs.gov/wmsconnector/com.esri.wms.Esrimap/USGS_EDC_Ortho_NYSDOP_Grid?SERVICE=WMS&REQUEST=GetCapabilities

Debug: src/core/qgsnetworkaccessmanager.cpp: 65: (queryProxy) using user proxy for

http://imsortho.cr.usgs.gov/wmsconnector/com.esri.wms.Esrimap/USGS_EDC_Ortho_NYSDOP_Grid?SERVICE=WMS&REQUEST=GetCapabilities

CPU is 100% busy with that, no way to interrupt.

Seems to be done by background query because GUI refreshes just fine.

#5 - 2013-03-08 08:24 AM - Sandro Santilli

For the record, the url returns a 301 Moved Permanently, but points to self. So it's really the server exposing a loop.

For comparison, wget(1) gives up after the 20th redirect. QGis could do something similar (need another ticket?)

#6 - 2013-03-08 08:25 AM - Sandro Santilli

Final report: qgis eventually timed out (wow, it took a long time).

Log contains:

Debug: src/core/qgsmessagelog.cpp: 45: (logMessage) 2013-03-08T17:24:41 Network¹ Network request

http://imsortho.cr.usgs.gov/wmsconnector/com.esri.wms.Esrimap/USGS_EDC_Ortho_NYSDOP_Grid?SERVICE=WMS&REQUEST=GetCapabilities

timed out

...

Debug: src/providers/wms/qgswmsprovider.cpp: 1508: (capabilitiesReplyProgress) 0 of 0 bytes of capabilities downloaded.

Debug: src/providers/wms/qgswmsprovider.cpp: 1445: (capabilitiesReplyFinished) entering.

Debug: src/core/qgsmessagelog.cpp: 45: (logMessage) 2013-03-08T17:24:41 WMS¹ Download of capabilities failed: Operation canceled

Debug: src/providers/wms/qgswmsprovider.cpp: 1372: (retrieveServerCapabilities) response is empty

Debug: src/providers/wms/qgswmsprovider.cpp: 4315: (lastError) returning 'Download of capabilities failed: Operation canceled'.

#7 - 2013-03-08 08:56 AM - Sandro Santilli

I've added a protection for simple redirect loops with commit:6795aef03cf4f9194abb1fabf90d998dd491aa33

Could not test against valid (non-looping) redirects as I don't know of any such service.

#8 - 2017-05-01 12:50 AM - Giovanni Manghi

- Easy fix? set to No