QGIS Application - Feature request #3457
Connect to WMS service should provide STOP/Cancel button
2011-01-31 11:38 PM - marisn -

Status: Open  
Priority: Low  
Assignee: Marco Hugentobler  
Category: Web Services clients/WMS  
Description
When I choose a 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 shows these lines:

```
Debug: src/providers/wms/qgswmsprovider.cpp: 1448: (capabilitiesReplyFinished) reply ok
Debug: src/providers/wms/qgswmsprovider.cpp: 1460: (capabilitiesReplyFinished) redirected gcapiabilities:
```

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 itself. 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 Network: Network request
timed out
...
Debug: src/providers/wms/qgswmsprovider.cpp: 1508: (capabilitiesReplyProgress) 0 of 0 bytes of capabilities downloaded.
Debug: src/core/qgsmessagelog.cpp: 45: (logMessage) 2013-03-08T17:24:41 WMS: 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:6795aef03cf4f9194abb1abf90d998dd491aa33
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