

QGIS Application - Feature request #16096

QGIS Server proxy settings

2017-01-19 02:16 AM - Giovanni Allegri

Status:	Open	Resolution: Copied to github as #: 24010
Priority:	High	
Assignee:		
Category:	QGIS Server	
Pull Request or Patch supplied:	No	
Easy fix?:	No	
Description		
<p>There's a related old issue #12840 about this but I open a new one because it's about QGIS2.ini not being read by QGIS Server, while I would ask it in more general terms: looking inside the QGIS Server code it seems that it doesn't take into account any proxy setting. Is it right? It's not a bug certainly but an important missing feature for sure.</p> <p>Can anybody confirm this?</p>		
Related issues:		
Related to QGIS Application - Bug report # 12840: qgis_mapserv.fcgi not using...		Closed 2015-05-28

History

#1 - 2017-05-01 12:44 AM - Giovanni Manghi

- Easy fix? set to No

#2 - 2018-11-26 05:48 PM - Jürgen Fischer

- Related to Bug report #12840: qgis\_mapserv.fcgi not using proxy settings in QGIS2.ini added

#3 - 2018-11-28 11:26 PM - Holger Bruch

Using release 3.4.2, I made some progress, though not 100% yet.

Configuring "FcgidInitialEnv QGIS\_OPTIONS\_PATH /qgis/options/path/" and providing /qgis/options/path/QGIS/QGIS3.ini file with a section like e.g.:

```
[proxy]
proxyEnabled=true
proxyType=HttpProxy
proxyHost=myproxyhost
proxyPort=8080
```

will enable the proxy.

However, I'm still not successful with the following setup:

QGIS/QGIS3.ini:

```
[proxy]
proxyEnabled=true
proxyType=DefaultProxy
```

/etc/apache2/conf-enabled/qgis.conf:

```
...
FcgidInitialEnv QGIS_OPTIONS_PATH /qgis/options/path/
FcgidInitialEnv http_proxy http://myproxy:80/
...
```

With log level QGIS\_DEBUG set to 5, the debug log reports:

```
src/core/qgsnetworkaccessmanager.cpp: 339: (setUpDefaultProxyAndCache) [8ms] setting default proxy
src/core/qgsnetworkaccessmanager.cpp: 163: (setFallbackProxyAndExcludes) [0ms] proxy settings: (type:HttpProxy host: myproxy:80, user:,
password:not set
src/core/qgsnetworkaccessmanager.cpp: 390: (setUpDefaultProxyAndCache) [1ms] cacheDirectory:
/var/www/.local/share/QGIS/QGIS3/profiles/default/cache/
src/core/qgsnetworkaccessmanager.cpp: 391: (setUpDefaultProxyAndCache) [0ms] maximumCacheSize: 52428800
src/core/qgsnetworkaccessmanager.cpp: 223: (createRequest) [1ms] Created [reply:3d89270]
src/core/qgsnetworkaccessmanager.cpp: 86: (queryProxy) [0ms] requesting system proxy for query
http://amapservice/?SERVICE=WMS&#38;REQUEST=GetCapabilities
src/core/qgsnetworkaccessmanager.cpp: 91: (queryProxy) [0ms] using system proxy :0 for query
```

So QNetworkProxyFactory::systemProxyForQuery() finds the proxy defined via the http\_proxy env variable (mind the lowercase!), but QNetworkProxyFactory::systemProxyForQuery( query ) apparently does not(?)