QGIS Application - Bug report #16323
ArcGISMapServer New Connection Not working. Cannot add a layer from service

2017-03-08 08:49 AM - Dave Sampson

Status:	Closed			
Priority:	Normal			
Assignee:				
Category:	Web Services clients/ArcGIS			
Affected QGIS version:	2.18.4	**Regression?:**	No	
Operating System:		**Easy fix?:**	No	
Pull Request or Patch supplied:		**Resolution:**	worksforme	
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	24233	

Description

As a QGIS user

I want to load a layer from an ArcGISMapServer

So that I can view the feature server layers on my map

Steps:

- open QGIS 2.18.4
- right click on ArcGIS MapServer > New Connection
- Name: ECCC: SpeciesProtectRestore_Canada_CanadianWildlifeService
- URL: http://ec.gc.ca/arcgis/rest/services/SpeciesProtectRestore_Canada_CanadianWildlifeService/MapServer
- press OK
- Result:
  - No layer added to Layers panel
  - No layer added to Browser panel

Notes:

- it would be nice to add either of the following
  - Service URL
    - http://ec.gc.ca/arcgis/rest/services/SpeciesProtectRestore_Canada_CanadianWildlifeService/MapServer
    - Present dialogue to select one or more layers to add
  - Layer URL
    - http://ec.gc.ca/arcgis/rest/services/SpeciesProtectRestore_Canada_CanadianWildlifeService/MapServer/0
    - Present dialogue to select the one layer to add
    - Maybe show other possible layers within the service?
- What about also providing an option to check for an OGC OWS equivalent service (WMS, WMTS, WCS etc)

History

#1 - 2017-03-08 08:58 AM - Giovanni Manghi

- Status changed from Open to Feedback

works as expected here, see attached image

#2 - 2017-03-08 08:58 AM - Giovanni Manghi

- File Screenshot_20170308_170451.png added

#3 - 2017-03-08 10:14 AM - Dave Sampson

Thanks for testing.

A detail that i did not think mattered but may is that I am using the ditribution within OSGEO4W. Do you have a version you can test QGIS in? I wonder if something happened during install.

Next, I wonder if there is a debug mode or log file I can monitor to see what is going on.

Thoughts?

#4 - 2017-03-08 10:36 AM - Dave Sampson

Related to #16321

I just tested this another way in 2.18

- Ensured QGIS Desktop Closed
- Open QGIS Browser
- Added ESRI Mapserver service: Worked
- opened QGIS desktop: service added to list

So it works through the QGIS browser for me but not through desktop.

Any thoughts on how to narrow down the issue?

#5 - 2017-03-08 01:30 PM - Dave Sampson

OK,

I think I found the issue. It has been a while since I have used QGIS in all its workflows so it took a while to determine the issue and worked with another user to narrow down the issue.
The issue seems to be in one of the many potential paths to add a layer. So lets go through them:
- QGIS Browser: ArcGISmapserver > New : WORKS
- Menu: Layer > Add Layer > Add ArcGis Mapserver Layer: WORKS
- Manage Layers Toolbar: Add WMS/ESRI vector layer > Add ArcGIS mapserver Layer: WORKS
- Browser Panel: right click ArcGISMapServer item > New Connection: FAILS

So is seems the issue is with the browser panel.

Can anyone confirm that this workflow also fails for them?

#6 - 2017-04-30 12:46 AM - Giovanni Manghi
- Description updated

> *The issue seems to be in one of the many potential paths to add a layer. So lets go through them: - QGIS Browser: ArcGISmapserver > New :*
> *WORKS*
> > *- Menu: Layer > Add Layer > Add ArcGis Mapserver Layer: WORKS*
> > *- Manage Layers Toolbar: Add WMS/ESRI vector layer > Add ArcGIS mapserver Layer: WORKS*
> > *- Browser Panel: right click ArcGISMapServer item > New Connection: FAILS*
>
> *So is seems the issue is with the browser panel.*
>
> *Can anyone confirm that this workflow also fails for them?*

tested them all on 2.18.7/osgeo4w and Linux, they all work for me.

#7 - 2017-04-30 06:42 PM - Giovanni Manghi

- Category changed from 147 to Web Services clients/ArcGIS

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

- Regression? set to No

- Easy fix? set to No

#9 - 2017-05-26 05:05 PM - Giovanni Manghi

- Resolution set to worksforme

- Status changed from Feedback to Closed

Closing for lack of feedback.

Files

Screenshot_20170308_170451.png	216 KB	2017-03-08	Giovanni Manghi