QGIS Application - Feature request #22056 Consistent layer adding for services

2019-05-13 01:28 AM - Jonathan Moules

	Status:	Open	
	Priority:	Normal	
	Assignee:		
	Category:	GUI	
	Pull Request or Patch shapplied:		Resolution:
	Easy fix?:	No	Copied to github as #: 29870

Description

QGIS has progressed nicely and now has the Data Source Manager. This is nice, but there's still the issue of a lack of consistency in adding layers for services (WMS, WFS, WCS, ArcGIS MapServer, ArcGIS FeatureServer, GeoNode).

1) Filtering

Different data sources have different ways of searching for layers within a service.

I.e. WFS, ArcGIS MapServer/FeatureServer, and GeoNode all have a "filter".

WMS/WMTS, and WCS have nothing.

By comparison, the databases all seem to use a "search options" field and this appears consistent across database types.

- 2) The ordering of the name/title columns is inconsistent between service types
- 3) WMS, WCS include an "ID" column which doesn't represent anything that's in the getcap
- 4) CRS changing is represented differently for all of them
- 5) WFS allows you to specify the max version, the others don't.
- 6) Mechanism for specifying data format is different for the different services
- 7) WFS has "use title for layer name", but WCS doesn't. (WMS does it differently again, but WMS allows merging multiple layers together so...)
- 8) WFS and ArcGIS FeatureServer have the same settings but opposite defaults.
- 9) WMS and GeoNode include a "referer" field, but none of the others do.

There are probably more things, this isn't meant to be exhaustive, just a good starting place.

2025-04-26 1/1