

## QGIS Application - Feature request #11733

### add "add Data" functionality

2014-11-25 05:19 AM - Tom Kralidis

|   |                             |   |
|---|-----------------------------|---|
| <b>Status:</b>  | Open                        | <b>Resolution:</b><br><b>Copied to github as #:</b> 19968 |
| <b>Priority:</b>  | Normal                      |   |
| <b>Assignee:</b>  |                             |   |
| <b>Category:</b>  | MetaSearch Catalogue Client |   |
| <b>Pull Request or Patch supplied:</b>  |                             |   |
| <b>Easy fix?:</b>   | No                          |   |
| <b>Description</b>  |                             |   |
| Allow the user to download data from the record (like a Shapefile, GeoTIFF, etc.) and load directly into the map canvas. See <a href="https://github.com/geopython/MetaSearch/wiki/Discovery-workflow">https://github.com/geopython/MetaSearch/wiki/Discovery-workflow</a> for more info. |                             |   |
| tl; dr; waiting on CSW with records with links to zipped Shapefile or GeoTIFF for implementation.   |                             |   |
| Full history at <a href="https://github.com/geopython/MetaSearch/issues/25">https://github.com/geopython/MetaSearch/issues/25</a>   |                             |   |

#### History

##### #1 - 2015-08-21 04:56 AM - Tom Kralidis

- Project changed from 218 to QGIS Application

##### #2 - 2015-08-21 04:56 AM - Tom Kralidis

- Category set to MetaSearch Catalogue Client

##### #3 - 2015-12-22 06:20 AM - jorge luis infante

Hi

I'd like contribute with this functionality.

My idea is to implement the reading of the "missing" protocols (we have a lot in <https://github.com/geopython/pycsw/wiki/Geonode-notes>) in the library "owslib" or use the library "ftplib" in the plug, as shown in <https://docs.python.org/2/library/ftplib.html>?

I would also collaborate on access to PostgreSQL / PostGIS.

mainly because, in practice, access through wfs is extremely slow, for large layers (say, all parcels of a city like Rosario, Argentina).

Also, I do not know if there is, I would like to work on a mechanism checkin / checkout layers with concurrent access, and conflict resolution. Obviously, that's for later, but first I want to achieve, at least, to recover a layer efficiently, and have the possibility (which is why I thought ftp), of not having to expose the RDBMS network users.

##### #4 - 2015-12-22 06:37 AM - Tom Kralidis

Note that current efforts around link types can be found in <https://github.com/OSGeo/Cat-Interop/blob/master/LinkPropertyLookupTable.csv>

I would go about this as follows:

- add "Download Data" button
- look for startswith('WWW:DOWNLOAD') to activate the "Download Data" button
- at this point clicking the button should take you to a direct link
- of the data. Maybe a generic approach is to open the URL in a web
- browser if the URL is a directory listing (test with something like

```
if os.path.splitext(urlparse.urlparse('http://example.org/foo.xml').path)[1]:
```

# download direct file

else:

# open in browser

**#5 - 2017-05-01 12:47 AM - Giovanni Manghi**

- *Easy fix? set to No*