

Infrastructure - Bug #2998

Place Name feature on ONEMercury page does not appear to be working

2012-06-20 20:22 - Bruce Wilson

Status:	Closed	Start date:	2012-06-20
Priority:	Normal	Due date:	
Assignee:	Skye Roseboom	% Done:	100%
Category:	d1_mercury	Estimated time:	0.00 hour
Target version:	Sprint-2012.27-Block.4.2	Story Points:	
Milestone:	CCI-1.0.2		
Product Version:	*		

Description

On <https://cn.dataone.org/onemercury>, place any text in the "Place Name" field below the geographic search. I tried a variety of states, cities, and countries. Click on "show on map" next to this field. I saw no apparent traffic to the server (no refresh action) and no apparent change to the search screen. I tried this in both Chrome 19.0.1084.56 and Firefox 13.0.1 on a Mac running 10.7.4. From an end user perspective, this field and button don't appear to be doing anything.

History

#1 - 2012-06-20 20:31 - Bruce Wilson

This appears to be both a documentation and an interface issue. The place name is getting passed along to the query, but isn't showing up on the map. And the meaning of Place Name in the query isn't clear. I'm guessing this is matching a metadata field, but it's not clear.

#2 - 2012-06-21 16:04 - Skye Roseboom

I have fixed the broken javascript so the Name Place resolution succeeds and draws a bounding box around the 'place'. Issue was introduced with the update from google maps api v2 to v3. I have placed this fix on ONEMercury trunk and will discuss with Dave regarding placing this in a future release - patch or minor release.

However there may need to be larger discussion regarding the use of this search field:

I agree, the intention of this field is a bit hard to understand. This field generates queries that search both the 'placekey' field in the solr index as well as matching the bounding box coordinates (generated when user clicks 'view on map'). For best results this query may need to change to an OR boolean logic operator rather than AND. So results that have the placekey or overlap the bounding box coordinates (generated by the place name UI field) are matched. I think this would be more transparent to the user - serve as a more general purpose search. However, I do not know how difficult or easy this change would be in the mercury search logic.

#3 - 2012-06-21 16:11 - Skye Roseboom

- File *redmine2998.patch* added

attaching patch file with js fix.

#4 - 2012-06-22 17:32 - Skye Roseboom

After speaking with Ranjeet - we agreed to remove the 'placekey' value as part of the query when using the 'place name' search ui controls. Placekey is specific to certain metadata while lat/long coordinates are most common.

So the place name search ui controls will now function like the place name drop down controls. It will draw the bounding box and set the bounding box coordinates into the query. Placekey field will not be part of the query.

#5 - 2012-06-22 17:33 - Skye Roseboom

- Assignee changed from *Giri Palanisamy* to *Skye Roseboom*
- Target version set to *Sprint-2012.25-Block.4.1*
- Milestone changed from *CCI-1.0.0* to *CCI-1.0.2*

Assigning this issue to myself so I can track resolution and placement in patch release.

#6 - 2012-06-22 18:05 - Skye Roseboom

- File *redmine2998-part2.patch* added

Attaching patch file that represents the changes to default.js and searchform.html to remove 'placekey' from being set and used in the query string generated from the mercury search UI.

Geocoder.js is still having issues with the bound() callback function. point.lng() and point.lat() are being called but are not functions. Place Name feature works for US states and countries but doesn't want to work for cities names or Canadian provinces.

#7 - 2012-06-23 21:21 - Bruce Wilson

- Status changed from *New* to *In Progress*

#8 - 2012-06-26 04:47 - Skye Roseboom

Copied to 1.0.0 branch for 1.0.2 release.

#9 - 2012-07-02 16:56 - Skye Roseboom

- Position set to *1*
- Target version changed from *Sprint-2012.25-Block.4.1* to *Sprint-2012.27-Block.4.2*
- Position changed from *1* to *470*

#10 - 2012-07-02 16:59 - Skye Roseboom

- Position deleted (*473*)
- Position set to *17*

#11 - 2012-07-03 00:01 - Skye Roseboom

- Status changed from *In Progress* to *Closed*

tested with 1.0.2 patch release. Works on US states and countries names.

Files

redmine2998.patch	857 Bytes	2012-06-21	Skye Roseboom
redmine2998-part2.patch	2.08 KB	2012-06-22	Skye Roseboom