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My House broken? - "UseSingleMyHouseFunc"

The Symptom:

When accessing MyHouse from iShareMaps, no results are returned from the Find my Nearest search function - as shown below:

The screenshot shows the 'My House' interface. At the top, there are two buttons: 'My House' (with a house icon) and 'My Alerts' (with an envelope icon). Below these, the address 'Ty Richard Jones Farm, Cefn Crib Road, Pantygasseg, Pontypool, NP11 5BN' is displayed. There are three links: 'View location on map', 'Change your location', and 'Add location to My Alerts'. A map shows the property location with a green arrow pointing to it. To the right of the map, there is a text box: 'Click one of the options to the right to see more information' and 'Property Identifier: 10013478084'. On the far right, there is a vertical menu with the following items: 'Community', 'Council and D...', 'Education', 'Environment a', 'Leisure', and 'Torfaen wide a prices'.

Community

Neighbourhood Policing Team

Sorry no results found

Your nearest Police Station is

Sorry no results found

Your nearest Fire Station is

Sorry no results found

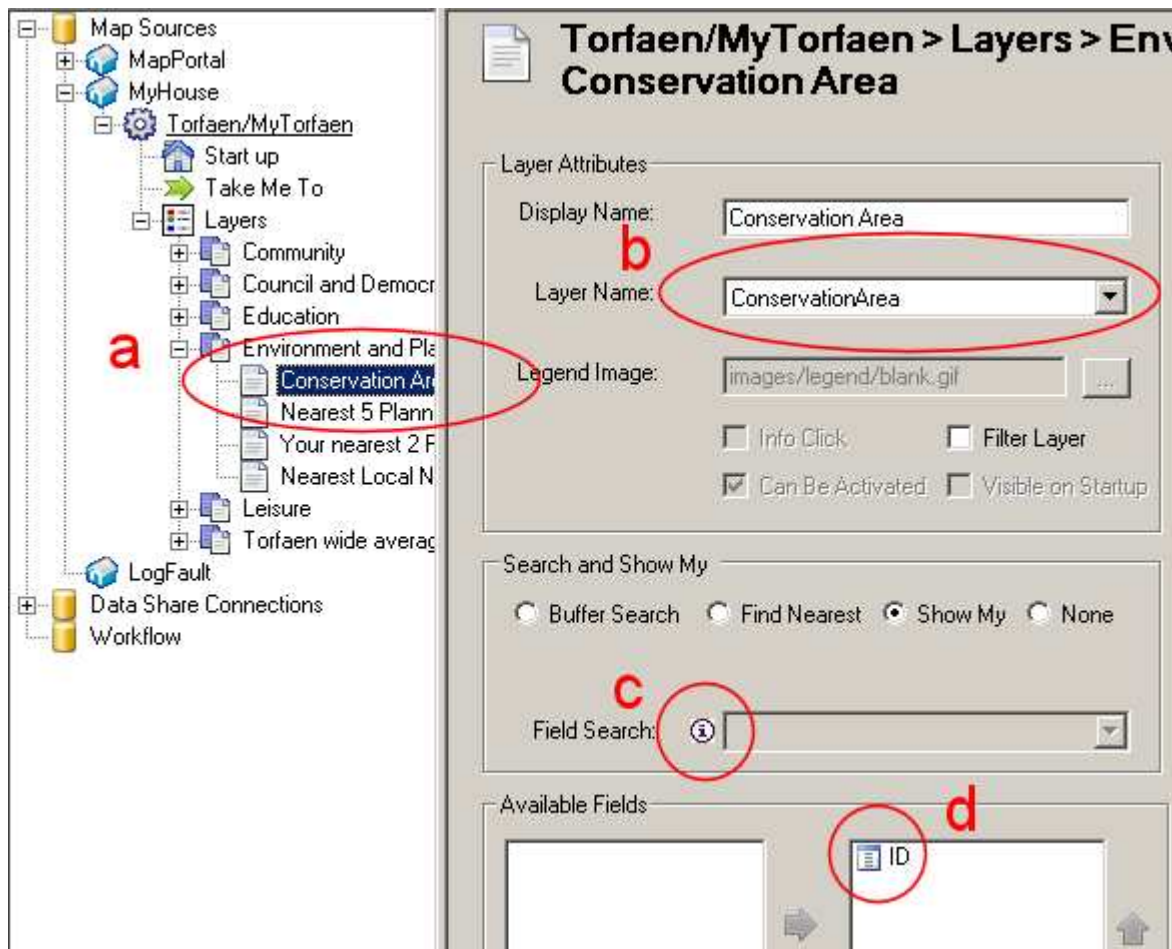
Your nearest Library is

Sorry no libraries found within 20km


The Problem

My House has not been able to locate a layer that has been set up in Studio - or, more accurately, has not been able to access a data-source that has been specified within the mapfile set up for that layer within Studio.

The way to locate which one (within Studio) is to select each one individually to look for the following symptom(s):



- a) Shows the currently selected layer within the MyHouse section
- b) Shows that the layer does, indeed, appear to be part of the source mapfile
- c) This icon is the only indication that Studio has been unable to find any data fields associated with this layer.
- d) As with b), this gives the impression that there have been fields pulled out of the layer definition.

Obviously, going through all the layers individually to spot this  icon is both painstaking and the icon easily missed if there are many layers to go through and/or there may be more than one layer with an issue.

Easier Diagnosis

There is a useful setting in the iShareMaps web.config that is designed to assist in locating these troublesome faulty layers:

```
<add key="UseSingleMyHouseFunc" value="true!"/>
```

By default, this usually has a "FALSE" value to speed up the processing of data and delivery of layers onto the map. Setting this value to "TRUE", while it does slow down the map delivery slightly, does also enable each layer to be individually processed and delivered to the screen independently - thereby allowing easier identification of faulty (or missing) layers/layer data as we work our way down the list of returned results.



[My House](#)



[My Alerts](#)

Ty Richard Jones Farm, Cefn Crib Road, Pantygasseg, Pontypool, NP11 5BN

[View location on map](#) [Change your location](#) [Add location to My Alerts](#)



Click one of the options to the right to see more information

Property Identifier: 10013478084

- [Commun](#)
- [Council a](#)
- [Educatio](#)
- [Environm](#)
- [Leisure](#)
- [Torfaen w prices](#)

Education

Your designated Comprehensive School is

WEST MON COMPREHENSIVE

Your designated Primary school is

Cwmffrwdroer Primary

Your nearest 2 Primary Schools are

Cwmffrwdroer Primary School

Address: Waunddu Pontnewynydd Pontypool NP4 6QZ

Tel: 01495 752393

Age: 4 - 11

Distance: 4 km away

[Show Cwmffrwdroer Primary School on map](#)

As you will see from

the example below, as soon as the map hits a layer with faulty/missing data, the information returned stops - with all layers after/below the faulty one also showing no data. This can be seen below where the returned data stops with the Conservation Area Layer:



Ty Richard Jones Farm, Cefn Crib Road, Pantygasseg, Pontypool, NP11 5BN
[View location on map](#) [Change your location](#) [Add location to My Alerts](#)



Click one of the options to the right to see more information
Property Identifier: 10013478084

- [Community](#)
- [Council and](#)
- [Education](#)
- [Environment](#)
- [Leisure](#)
- [Torfaen wide prices](#)

Environment and Planning

Conservation Area

You **are not** in a conservation area

Nearest 5 Planning Applications

Sorry no results found

Your nearest 2 Recycling Facilities

Sorry no results found

Nearest Local Nature Reserve

No records found nearby.



Apply the appropriate 'fix'

The majority of the time this will be a case of editing the source mapfile and either re-directing the layer to the correct (ie existing) file, or - in the case a file/data-set has been removed - removing the layer definition from the file altogether.

Either way, once the errant layer has been fixed and all results are being displayed once more, then the UseSingleMyHouseFunc can be returned to "FALSE" in order to speed up map delivery once more.