StocksAndFisheriesKB - Feature #24653

GRSF API does not include reference source for each datum

Feb 24, 2023 02:43 PM - Aureliano Gentile

Status:	Completed		**Start date:**	Feb 24, 2023
Priority:	Normal		**Due date:**	
Assignee:	Yannis Marketakis		**% Done:**	100%
Category:			**Estimated time:**	0.00 hour
Target version:	GRSF			

Description

In the time series exposed via GRSF APIs these fields are missing:

db_source
data_owner

while these fields are in the KB and in the CKan catalogue, see for example:

https://isl.ics.forth.gr/grsf/grsf-api/resources/getstock?uuid=ff77592f-b642-3cd6-abed-7d0794c2ce62

vs.

https://data.d4science.org/ctlg/GRSF_Admin/ff77592f-b642-3cd6-abed-7d0794c2ce62

History

#1 - Feb 24, 2023 02:44 PM - Aureliano Gentile

- Subject changed from GRSF API does not include reference source ofr each datum to GRSF API does not include reference source for each datum

#2 - Feb 24, 2023 03:47 PM - Yannis Marketakis

- File clipboard-202302241646-agrde.png added

The data owner is retrieved (it is not included in the timeseries group).
Morover, the original record IDs and URLs are retrieved that reveal the Data source


```
  "source_urls": [
    "http://firms.fao.org/fishery/xml/resource/10373/en",
    "[RAM (RAM Legacy Stock Assessment Database)]: SOLENS",
    "https://www.fishsource.org/stock_page/766",
    "https://www.fao.org/sustainable-development-goals/indicators/14.4.1/en/sdg-bel-deu-dnk-fra-gbr-nld-1"
  ],
  "data_owner": "International Council for the Exploration of the Sea (ICES)",
```

Of course if you think, that they should be retrieved explicitly we will update the API methods
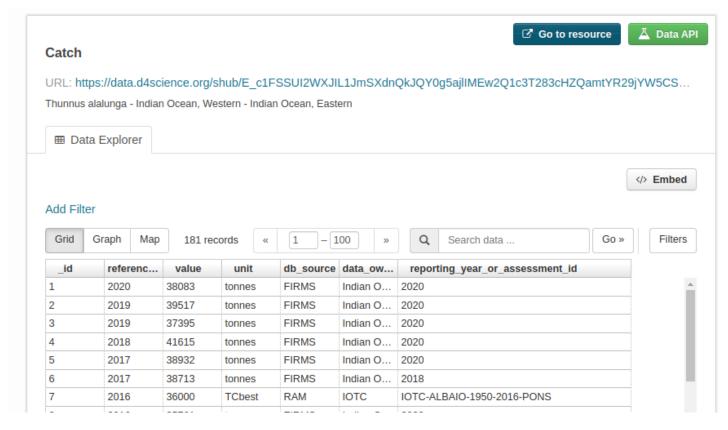
#3 - Feb 27, 2023 05:06 PM - Anne Elise Nieblas

- File clipboard-202302272000-xoa9r.png added

Hi both,

Thanks for raising this ticket Aureliano. What I meant was the assessment source reference - so like a link directly to the assessment report. The closest I see on GRSF is the reporting year or assessment id (e.g. screenshot for Albacore - Indian Ocean catches)

Catch

URL: https://data.d4science.org/shub/E_c1FSSUI2WXJIL1JmSXdnQkJQY0g5ajlIMEw2Q1c3T283cHZQamtYR29jYW5CS...

Thunnus alalunga - Indian Ocean, Western - Indian Ocean, Eastern

⊞ Data Explorer

</> Embed

Add Filter

| Grid | Graph | Map | 181 records | « | 1 — 100 | » | 🔍 Search data ... | Go » | Filters |

_id	referenc...	value	unit	db_source	data_ow...	reporting_year_or_assessment_id
1	2020	38083	tonnes	FIRMS	Indian O...	2020
2	2019	39517	tonnes	FIRMS	Indian O...	2020
3	2019	37395	tonnes	FIRMS	Indian O...	2020
4	2018	41615	tonnes	FIRMS	Indian O...	2020
5	2017	38932	tonnes	FIRMS	Indian O...	2020
6	2017	38713	tonnes	FIRMS	Indian O...	2018
7	2016	36000	TCbest	RAM	IOTC	IOTC-ALBAIO-1950-2016-PONS

But what I would like is the reference source where these data came from - which is available in FIRMS at least (e.g. IOTC. 2020. Albacore. Executive Summary.
IOTC–SC23 2020. Report of the 23rd Session of the IOTC Scientific Committee. Seychelles, 7 – 11 December 2020. IOTC–2020–SC23–R[E]: 211pp.)

Best, Anne-Elise

#4 - Feb 27, 2023 05:49 PM - Aureliano Gentile

Dear Yannis, thanks, I think the owner and source urls do refer to the record as a whole, while I am referring to each single datum, for example
{
"value": "1.2604054054",
"unit": "BdivBmsypref",
"type": "Abundance Level",
"reporting_year": "2021",
"reference_year": "1985"
},
and if you compare with the ckan, you will see that db_source (RAM) and data_owner are missing (WGNSSK).

#5 - Mar 01, 2023 03:56 PM - Yannis Marketakis

- Status changed from New to Completed

- % Done changed from 0 to 100

GRSF-API has been updated.
It now reports all the data owners and the DB sources contributing for a GRSF record at time-series level (similarly to the way they are presented from the catalogue).
Now the response of the GRSF API look like the following:

```
"catches": [
        {
            "value": "1.58E+04",
            "unit": "TCbest",
            "type": "Catch",
            "data_owner": "WGNSSK",
            "db_source": "RAM",
            "reporting_year": "2018",
            "reference_year": "1980"
        },
        {
            "value": "16486",
            "unit": "tonnes",
            "type": "Catch",
```

```
            "data_owner": "International Council for the Exploration of the Sea (ICES)",
            "db_source": "FIRMS",
            "reporting_year": "2016",
            "reference_year": "2012"
        }]
```

#6 - Mar 02, 2023 08:54 PM - Aureliano Gentile

with many thanks, it looks great.

Files

clipboard-202302241646-agrde.png	28.8 KB	Feb 24, 2023	Yannis Marketakis
clipboard-202302272000-xoa9r.png	74.7 KB	Feb 27, 2023	Anne Elise Nieblas