

Fair-EASE : Data provider around ERDDAP

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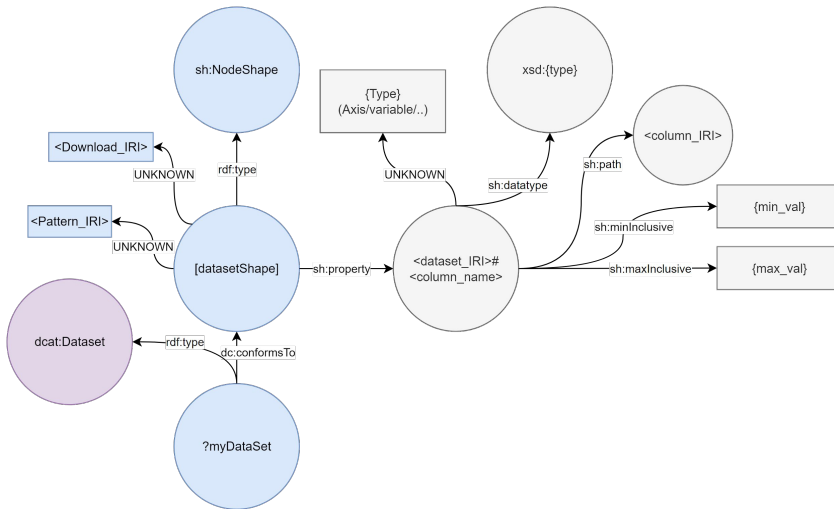
Last Time Resume

localhost:8080/erddap/info/catalogs.{rdf format} ?page=1&itemsPerPage=1000

|.ttl
|.rdxml
|.n3
|.nt
|...

localhost:8080/erddap/test.{rdf format}

turtle ttl n3 ntriples nt jsonld jsonld10 jsonld11
rdfjson trig nquads nq rdfproto rdfthrift shacl
csv tsv rdxml





Last time resume

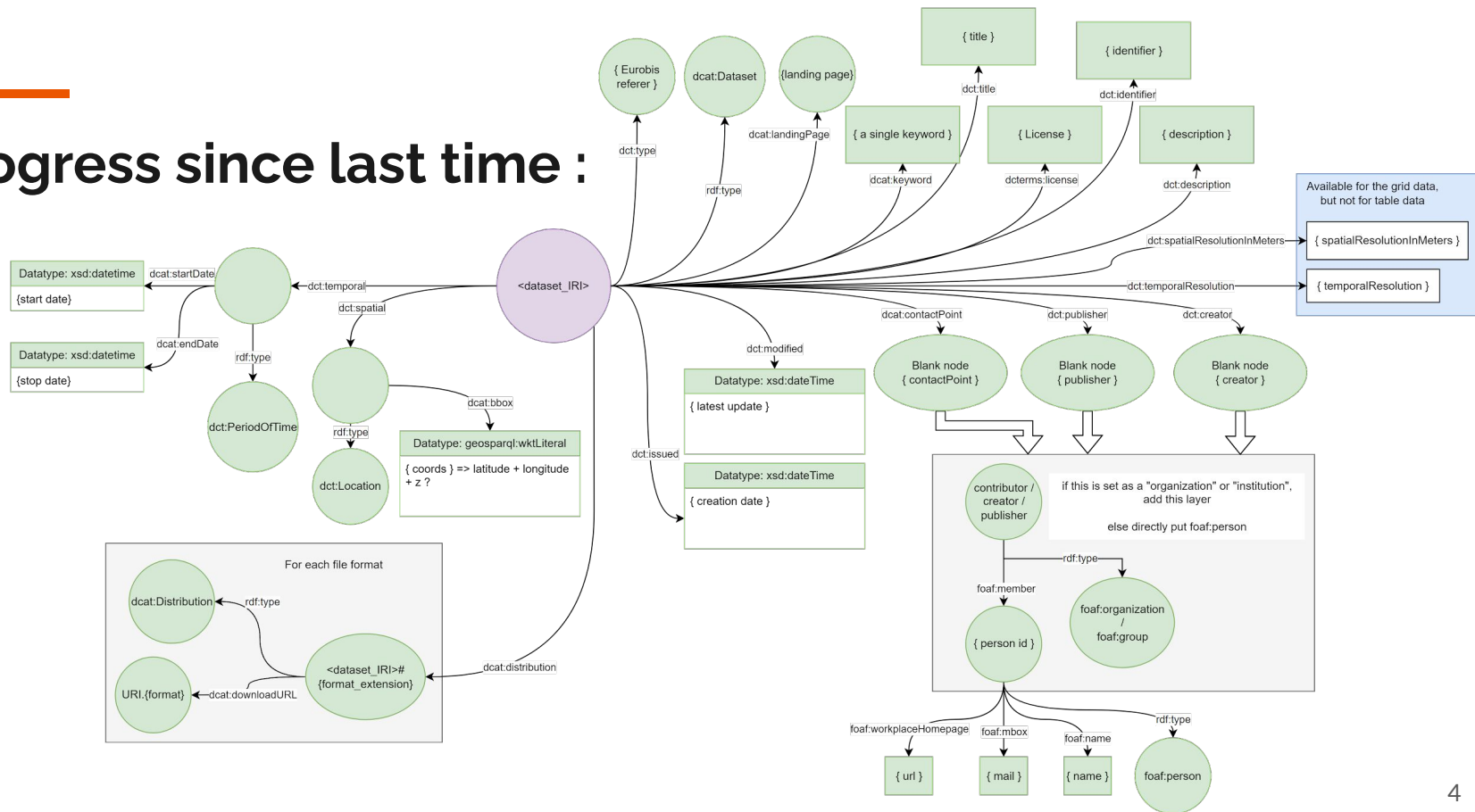
Already existing Subsetting API URL :

- Subsetting TableDAP
!=
- Subsetting GridDAP
- Create a 3rd common Subsetting API ?
- **Use RDF Placeholder template query ?**
- Other ?

/erddapData/history.json

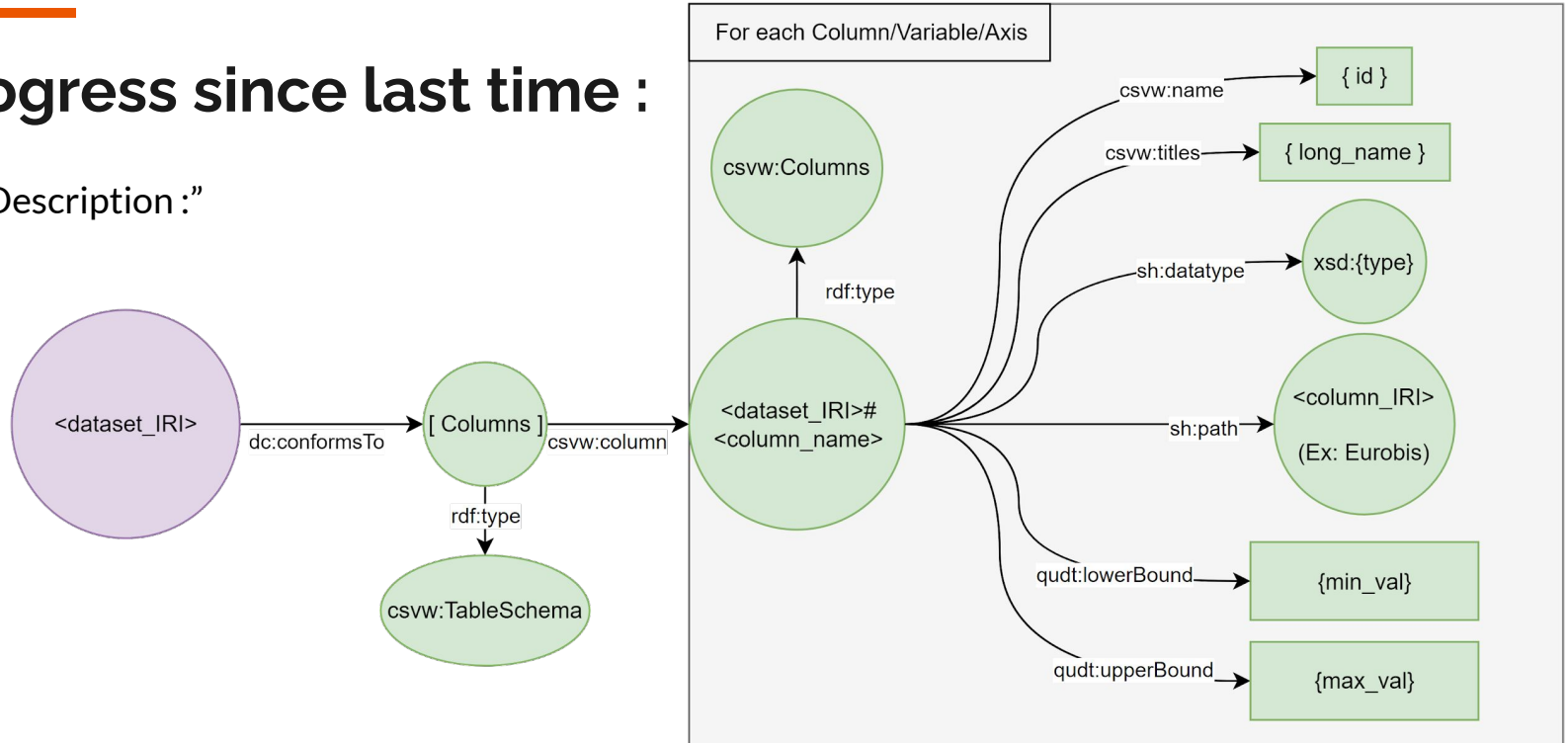
```
{
  "datasets_87d0_e08a_ce8e": [
    {
      "date": "2023-07-27T07:52:09",
      "description": "A combinedGlobalAttribute changed:",
      "old": " old line #12=\" infoUrl=???\" ",
      "new": " new line #12=\" infoUrl=https://vliz.be\" ."
    },
    {
      "date": "2023-07-27T07:51:29",
      "description": "The number of variables changed:",
      "old": " old=1, ",
      "new": " new=2."
    },
    {
      "date": "2023-07-27T06:59:26",
      "description": "Initial init datasets_87d0_e08a_ce8e"
    }
  ],
  "datasets_87d0_e08a_d98e": [
    ...
  ]
}
```

Progress since last time :

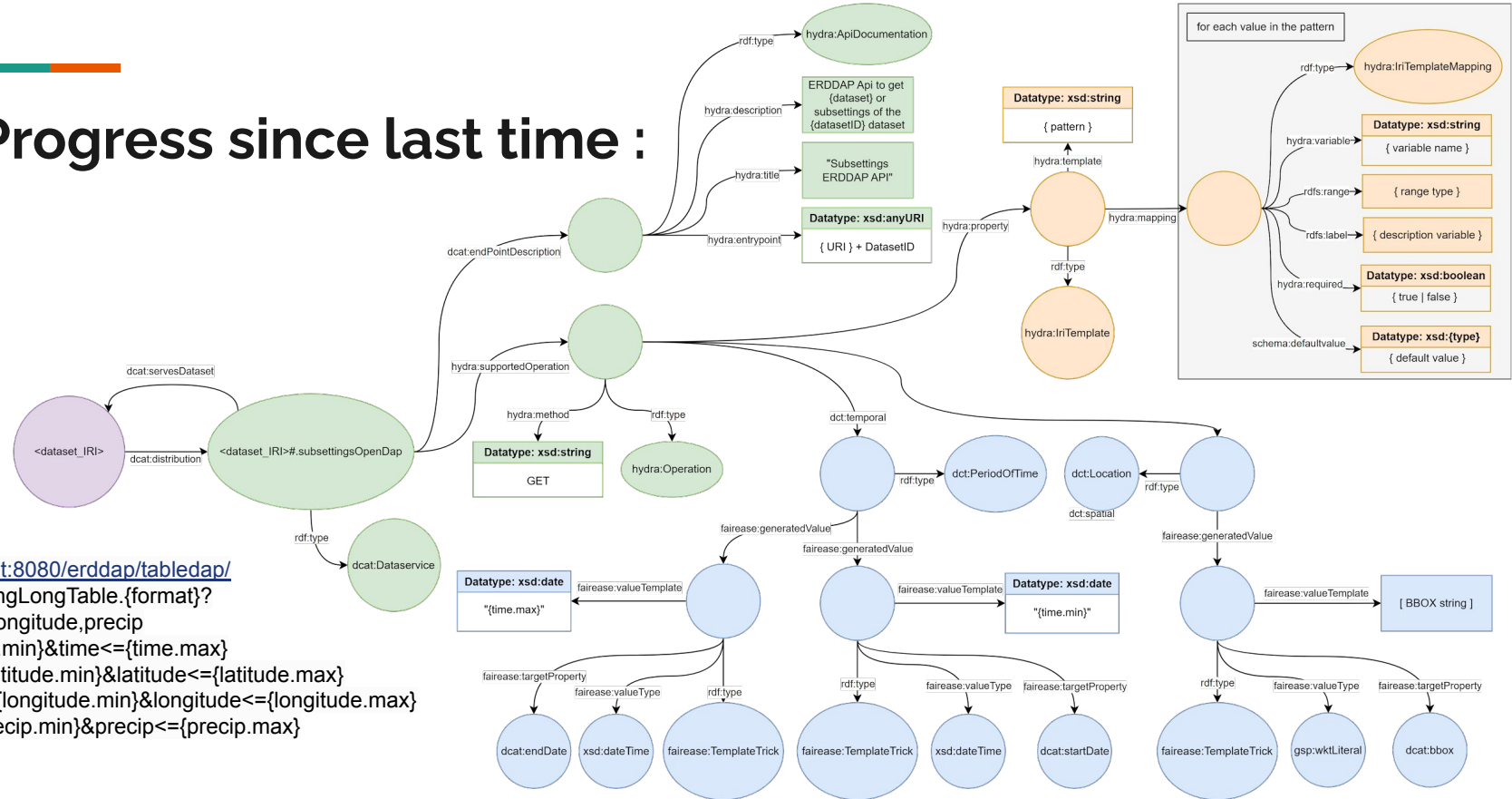


Progress since last time :

“Content Description :”



Progress since last time :



http://localhost:8080/erddap/tabledap/noaa_lineStringLongTable.{format}?time,{latitude,longitude,precip}&time>={time.min}&time<={time.max}&latitude>={latitude.min}&latitude<={latitude.max}&longitude>={longitude.min}&longitude<={longitude.max}&precip>={precip.min}&precip<={precip.max}

Progress since last time :

localhost:8080/erddap/	/[datasetID]	{basics format}
tabledap		.jsonld
griddap		.n3

File type: [\(more information\)](#)

.htmlTable - View a UTF-8 .html web page with the data in a table. Times are ISO 8601 strings.

.tsv - Download a ISO-8859-1 tab-separated text table (line 1: names; line 2: units; ISO 8601 times).

.tsvp - Download a ISO-8859-1 .tsv file with line 1: name (units). Times are ISO 8601 strings.

.tsv0 - Download a ISO-8859-1 .tsv file without column names or units. Times are ISO 8601 strings.

.wav - Download a .wav audio file. All columns must be numeric and of the same type.

.xhtml - View a UTF-8 XHTML (XML) file with the data in a table. Times are ISO 8601 strings.

[.jsonld](#) - View the JSON-LD RDF serialization representation.

[.n3 - View the Notation3 RDF serialization representation.](#)

[.nt](#) - View the N-Triples RDF serialization representation.

[.nq](#) - View the N-Quads RDF serialization representation.

[.rdfxml](#) - View the RDF/XML RDF serialization representation.

[.trig](#) - View the TriG RDF serialization representation.

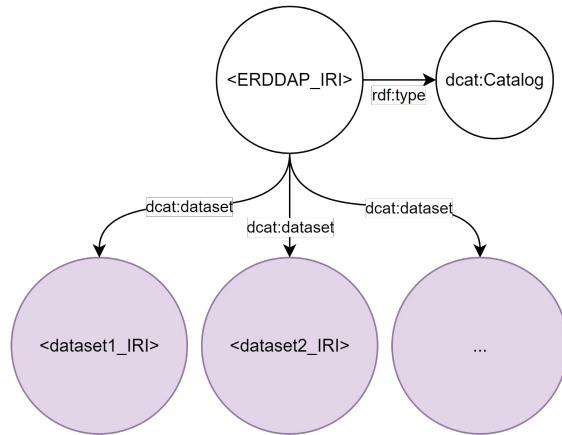
[.ttl](#) - View the Turtle RDF serialization representation.

- | .rdfxml
- | .trig
- | .ttl

Progress since last time :

localhost:8080/erddap/info/catalog | .jsonld ?page=1&itemsPerPage=10

| .n3
| .nt
| .nq
| .rdfxml
| .trig
| .ttl





Next Steps ?

- Python script to verify that the Subsettings API is working as expected & easily
 - Integrated test
 - Real condition testing (with larger number of dataset / more ram / more cpu / ...)
 - Improve the history system
-
- > focus on the python script/lib ?
 - > FAIR-Sign Posting / Content Negotiation ?
 - > use LDES or/and OAI-PMH to track changes on dataset (using the history) ?
 - > Start talking about what we have done to the Erddap community ? Via github PR / Google Group, already sent a mail to Chris => no reply (yet ?)



Thanks !

Let's talk