divadoxml-gui

Diva XML product description
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Information to provide

- Project: EMODNET Chemistry (in future also SeaDataNet when Sextant template is updated)
- Title (default title is extracted from the NetCDF file)
- Product code:

<provider>-<area>-<parameter>-<version>-<OBS for collections, ANA for DIVA analysis>

for example:

MUMM-North Sea-Temperature-1.0-ANA

Information to provide

- Date of first version: date of version 1.0
- Date of update: date of current revision
- Version: version number starting from 1.0 (first number: major updates, second number: minor updates)
- Abstract: Wikipedia-like syntax may be used for bold, italic underlined, bullets and hyperlinks

Information to provide

- Abstract: Wikipedia-like syntax may be used for bold, italic underlined, bullets and hyperlinks. This should include:
  - a brief description of the DIVA analysis
  - which data was used
  - special settings of DIVA (e.g. advection constraint, detrending,...)
- EDMO: the EDMO code number of your institution

Information to provide

- P35 code: the aggregated parameter code from http://vocab.nerc.ac.uk/collection/P35/current/
- Path on OceanBrowser: the path where you will upload the analysis on the machine gher-diva (essentially the domain and possibly subdomain; see the folder structure on http://oceanbrowser.net/emodnet/)

Information to provide

- P02 keyword: discovery parameter from the list http://vocab.nerc.ac.uk/collection/P02/current/
- Area keywords: area keyword from the list http://vocab.nerc.ac.uk/collection/C19/current/

Start divadoxml

- Run with, e.g.

./divadoxml-gui.py --filepath ~/Salinity.19501980.4Danl.nc --varname Salinity --outfile test.xml --divapath /home/abarth/src/diva/JRA4/Climatology

- filepath: path of the NetCDF file
- varname: the NetCDF variable name
- outfile: the XML file to be generated
- divapath: path where you have run diva (the script will search for the files yearlist and monthlist), defaults to the current directory

Screenshots