Scoop-Argo : visual quality control for Argo NetCDF data files

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Abstract:
Scoop-Argo visual quality control vizualises a series of Argo floats NetCDF cycle files. The data are displayed in interactive graphics, with bathymetry, climatology and geographic maps environmental informations.
Quality Control flags are graphically changed by the User.
When changes are recorded, the history section is updated with the list of performed changes.
A bathymetry (ETOPO2) and a climatology (ISAS13) are available here: https://datacloud.ifremer.fr/index.php/s/xVqKWjwCR1qTQGx

This version is a demonstration version, please report any anomaly to codac@ifremer.fr

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Data:

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**Scoop-Argo**

- Tool for visual QC of BGC-Argo data out of Ifremer / Coriolis
- Works with & on b- and c-profile netcdf files
- Interactive tool to verify / modify QC flags per profile / per deployment
- Populates HISTORY section, too

**Workflow for BGC-QC**

1. **Scoop**: Check that RTQC didn’t flag good data as bad ‘4’ in DAC BR netcdf files
2. **SAGE/other code**: Do data analysis, visualization (if needed), adjustment, and write out BD netcdf files with adjusted / adjusted error data
3. **Scoop**: Check QC flags, apply additional point-wise flags, ... before submitting final BD netcdf files