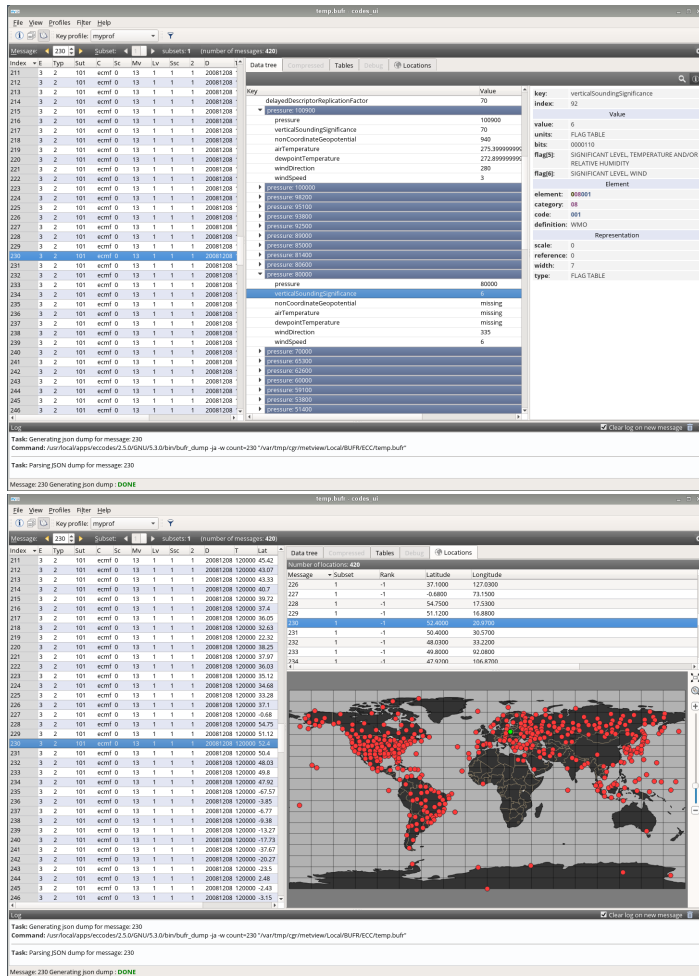


CodesUI



CodesUI is a **standalone** interactive application built on **ecCodes** and **Qt5/Qt6** to inspect:

- WMO FM-92 **GRIB** [edition 1](#) and [edition 2](#) messages
- WMO FM-94 **BUFR** [edition 3](#) and [edition 4](#) messages.

With CodesUI it is possible to:

- inspect the overall structure of GRIB and BUFR files
- examine the data and metadata of the individual messages

For BUFR data these additional features are also available:

- filtering BUFR messages
- extracting tabular data from BUFR messages
- plotting BUFR observation locations on an interactive map

Please note that although CodesUI has some basic plotting capabilities it is not a visualisation system.



You can install CodesUI from conda with:

```
conda install codes-ui -c conda-forge
```

Alternatively, you can build it from source (see instructions [here](#)).



CodesUI shares its codebase with the GRIB and BUFR examiners of the [Metview](#) meteorological workstation system. It was packaged as a **standalone software application** with the minimum possible dependencies **requiring only ecCodes and Qt5/Qt6** for installation.