

ecCodes version 2.4.0 released

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Changes for Version 2.4.0

New Features/Improvements

- [\[ECC-287\]](#) - Support for GRIB3 (experimental)



This is an initial prototype GRIB edition 3 decoder/encoder to accelerate development of the standard to be proposed to WMO. At this point this implementation is **entirely experimental** and can change in future releases. It is provided here to solicit feedback.

- [\[ECC-470\]](#) - BUFR: iasi encoding performance
- [\[ECC-482\]](#) - datetime comparison in bufr_filter
- [\[ECC-484\]](#) - Implement logical AND specialised expression
- [\[ECC-486\]](#) - Implement logical OR specialised expression
- [\[ECC-487\]](#) - Add parameter for '2 metre relative humidity with respect to water'
- [\[ECC-488\]](#) - Add GRIB1 representation for parameter 260048 (total precipitation rate)
- [\[ECC-496\]](#) - Request for a modification of the naming of the new lightning GRIB fields
- [\[ECC-497\]](#) - New GRIB parameters needed for system 5 seasonal forecast
- [\[ECC-420\]](#) - CPU time of BUFR unpacking increased significantly in 2.1.0
- [\[ECC-483\]](#) - Add mars key 'system' for class 'c3'
- [\[ECC-481\]](#) - extended BUFR rdbSubtype
- [\[ECC-493\]](#) - Saral altika data using a wrong masterTablesVersionNumber
- [\[ECC-489\]](#) - Remove unused 'name' data member from struct 'bufr_descriptor'
- [\[ECC-411\]](#) - Add an environment variable so that GRIB_MAX_OPEN_FILES can be user configurable

Bug Fixes

- [\[ECC-313\]](#) - Add support for BUFR operator 203YYY
- [\[ECC-433\]](#) - BUFR operator 206YYY not working
- [\[ECC-494\]](#) - DESTDIR ignored for Python bindings