

ecCodes version 0.16.0 released



Please note that this is still a beta release and any feedback from early users is very welcome

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Changes for Version 0.16.0

- [Changes in BUFR key names](#)
- [New Fortran function](#)
- [New tools](#)
- [New BUFR tables version 26](#)

New Features/Improvements

- [\[ECC-280\]](#) - Provide feature to build the definition files and samples into the library
- [\[ECC-274\]](#) - BUFR tables version 26 to be added to ecCodes
- [\[ECC-276\]](#) - Change BUFR shortNames to avoid clashes in different classes
- [\[ECC-267\]](#) - rename BufrTemplate to bufrTemplate
- [\[ECC-269\]](#) - Provide equivalent of the C function codes_get_string_array in Fortran interface
- [\[ECC-257\]](#) - Debugging: print filename and line number of triggered IF statement
- [\[ECC-258\]](#) - Add support for Météo-France field name translation
- [\[ECC-250\]](#) - bufr header documentation incorrect
- [\[ECC-253\]](#) - Add tests for converting GRIB packingType to PNG
- [\[ECC-277\]](#) - F90 Examples: replace 'double precision' with 'real(8)'
- [\[ECC-263\]](#) - Add functions for setting definitions and samples paths

Bug Fixes

- [\[ECC-143\]](#) - Error in BUFRDC & eccodes BUFR Table D Version 16
- [\[ECC-210\]](#) - ecCodes Segmentation fault with DWD BUFR-encoded synop data
- [\[ECC-233\]](#) - Stray comma character in BUFR json dump
- [\[ECC-252\]](#) - grib_count_in_file() function does not support multi-field GRIB messages
- [\[ECC-254\]](#) - grib_handle_new_from_message should take const data pointer
- [\[ECC-255\]](#) - Parameters 186/187 (Low/Medium cloud cover) have incorrect WMO GRIB1 codings
- [\[ECC-256\]](#) - Wrong decoding of nested delayed replication
- [\[ECC-259\]](#) - numberOfValues not correctly set when using second order packing with missing values
- [\[ECC-265\]](#) - totalLength of edition 3 BUFR not changed on reshape
- [\[ECC-270\]](#) - Wrongly decoded associated field in TAMDAR data
- [\[ECC-271\]](#) - National and WMO station number elements in BUFR SYNOP data use the same key