CodesUI - Change History

Version 1.7.3

Externally released on 2023-01-27

Installed as part of ecmwf-toolbox/2023.01.0.0 (Atos HPC)

At ECMWF

- Installed on **2023-01-26**
- Built with **ecCodes 2.28.0**

Bug fixes:

- GRIB Examiner: reduced excessive memory usage in the Values tab. With this change data is only loaded into the Values tab when there are no more than 7 million values in the GRIB field. Otherwise a warning message is displayed:

  blocked URL
- GRIB Examiner: improved speed and memory usage when loading data for the Values tab

Version 1.7.2

Externally released on 2022-08-24

Became codes_ui/new at ECMWF on 2022-08-24 (Linux desktops, ecgate)

Installed as part of ecmwf-toolbox/2022.08.0.0 (Atos HPC)

At ECMWF

- Installed on **2022-08-24**
- Built with **ecCodes 2.27.0**

Bug fixes:

- Grib Examiner: fixed issue when the value of the mars.expver key was not shown in the Namespace dump

Version 1.7.0

Externally released on 2022-03-04

Became codes_ui/new at ECMWF on 2022-03-04 (Linux desktops, ecgate)

At ECMWF

- Installed on **2022-03-04**
- Built with **ecCodes 2.25.0**

New feature:

- GRIB Examiner: displays both the native value and the string value in the namespace dumps

- BUFR Examiner: uses the first two columns for searching in the **Descriptors tab**

Bug fixes:

- GRIB Examiner: fixed issue where the message list did not update correctly when the key profile changed

- BUFR Examiner: displays "missing" for missing string values

Version 1.6.0

Externally released on 2021-12-07

Became codes_ui/new at ECMWF on 2021-12-07 (Linux desktops, ecgate)

At ECMWF

- Installed on **2021-12-07**
- Built with **ecCodes 2.24.0**

New feature:

- support for dark and light UI themes. To switch between the two themes use **Settings Ui theme** from the menu bar. Alternatively you can start codes_ui with the **-dark** or **-light** switch to start up with the given theme.

- the GRIB examiner has now a tab called **Tables** to show which tables were used to decode the current message
- improved BUFR filter speed for messages containing compressed subsets

Bug fixes

- fixed issue in the BUFR examiner where it crashed when the locations tab was selected on an ill-formed message

Version 1.5.4

Not released externally.

Became codes_ui/new at ECMWF on 2021-08-25 (Linux desktops, ecgate)

At ECMWF:

- Installed **2021-08-25**
- Built with **ecCodes 2.23.0**

This version is identical to 1.5.3 but built with the latest ecCodes at ECMWF.

Version 1.5.3

Not released externally.

Became codes_ui/new at ECMWF on 2021-06-17 (Linux desktops, ecgate)

At ECMWF:

- Installed **2021-06-17**
- Built with **ecCodes 2.22.1**

This version is identical to 1.5.2 but built with the latest ecCodes at ECMWF.

Version 1.5.2

Not released externally.

Became codes_ui/new at ECMWF on 2021-05-19 (Linux desktops, ecgate)

At ECMWF:

- Installed **2021-05-19**
- Built with **ecCodes 2.22.0**

This version is identical to 1.5.1 but built with the latest ecCodes at ECMWF.

Version 1.5.1

Externally released on 2021-04-27

Became codes_ui/new at ECMWF on 2021-04-27 (Linux desktops, ecgate)

At ECMWF

- Installed on **2021-04-27**
- Built with **ecCodes 2.21.0**

Bug fixes:

- fixed a crash when duplicating a key profile
- fixed issue where the namespace dump could be empty
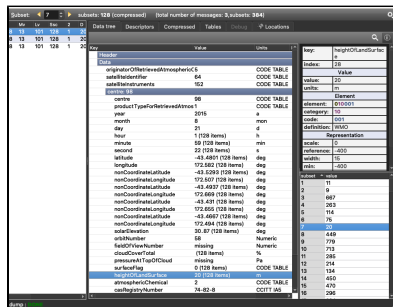
Version 1.5.0

Externally released on 2021-03-25

Became codes_ui/new at ECMWF on 2021-03-24 (Linux desktops, ecgate)

At ECMWF

- Installed on **2021-03-24**
- Built with **ecCodes 2.21.0**

New feature:

BUFR Examiner: the compressed subset value list in the info sidebar can now be used to navigate between subsets. Clicking on an item in the list will change the current subset shown in the dump panel.

Version 1.4.3

Externally released on 2021-02-10

Became codes_ui/new at ECMWF on 2021-02-10 (Linux desktops, ecgate)

At ECMWF

- Installed on **2021-02-10**
- Built with **ecCodes 2.20.0**

Bug fixes

- fixed issue in the BUFR Examiner when code and flag value details were not shown in the info sidebar
- fixed issue in the BUFR Examiner when flag table value bits were not shown correctly in the info sidebar

Version 1.4.2

Not released externally.

Became codes_ui/new at ECMWF on 2021-01-20 (Linux desktops, ecgate)

At ECMWF:

- Installed **2021-01-20**
- Built with **ecCodes 2.20.0**

This version is identical to 1.4.1 but built with the latest ecCodes at ECMWF.

Version 1.4.0

Externally released on 2020-10-14

Became codes_ui/new at ECMWF on 2020-10-14 (Linux desktops, ecgate)

At ECMWF

- Installed on **2020-10-14**
- Built with **ecCodes 2.19.0**

New features

- Grib Examiner: added syntax highlighting to the textual GRIB dumps (Standard dump and WMO dump)

Version 1.3.3

Externally released on 2020-06-26

Not installed at ECMWF

Bug fixes

- fixed build issue under Windows on conda

Version 1.3.2

Externally released on 2020-06-24

Became codes_ui/new at ECMWF on 2020-06-24 (Linux desktops, ecgate)

At ECMWF:

- Installed **2020-06-24**
- Built with **ecCodes 2.18.0**

Bug fixes

- fixed issue where the BUFR filter randomly crashed

Version 1.3.0
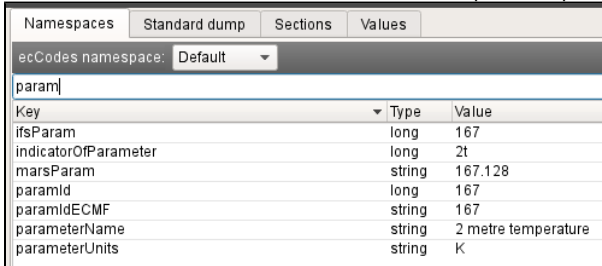
Externally released on 2020-03-10

Became codes_ui/new at ECMWF on 2020-03-10 (Linux desktops, ecgate)

At ECMWF

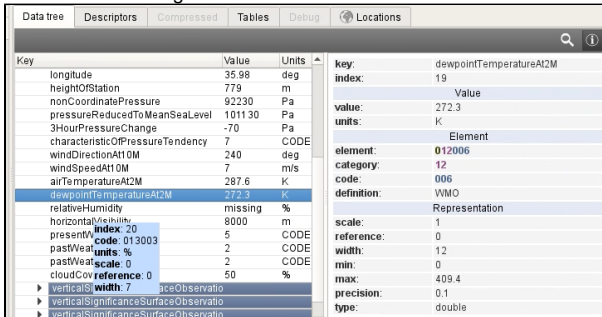- Installed on **2019-08-07**
- Built with **ecCodes 2.17.0**

New features

- GRIB Examiner: added a filter to the standard namespace dump for easier location of keys

- BUFR Examiner: now shows the possible minimum and maximum values and the precision for each element based on the available bits per value and its scaling factor

- BUFR Examiner: now shows the total number of subsets across all messages

- improved performance when the BUFR Examiner is initially scanning the messages in the given BUFR file

Bug fixes

- fixed issue where the BUFR filtering did not correctly handle the case where the coordinate value was missing

Version 1.2.9

Externally released on 2020-01-14

Became codes_ui/new at ECMWF on 2020-01-14 (Linux desktops, ecgate)

At ECMWF:

- Became codes_ui/new on 2020-01-14 (Linux desktops, ecgate)
- Built with **ecCodes 2.14.0**

Bug fixes

- fixed issue where the BUFR filtering did not correctly handle the case where the coordinate value was missing

Version 1.2.7

Externally released on 2019-10-04

Became codes_ui/new at ECMWF on 2019-10-04 (Linux desktops, ecgate)

At ECMWF:

- Installed **2019-10-04**
- Built with **ecCodes 2.14.0**

New features

- BUFR: added new tab called Descriptors to show all the expanded descriptors (metadata only) of the given message

Version 1.2.6

Externally released on 2019-08-08

Became codes_ui/new at ECMWF on 2019-08-07 (Linux desktops, ecgate)

At ECMWF:

- Installed **2019-08-07**
- Built with **ecCodes 2.13.1**

Bug fixes

- fixed crash in BUFR mode when searching in the Data tab
- fixed issue in BUFR mode where search did not work in regexp mode

Version 1.2.5

Not released externally.

Became codes_ui/new at ECMWF on 2019-07-08 (Linux desktops, ecgate)

At ECMWF:

- Installed **2019-07-08**
- Built with **ecCodes 2.13.0**

This version is identical to 1.2.4 but built with the latest ecCodes at ECMWF.

Version 1.2.4

Externally released on 2019-05-19

Became codes_ui/new at ECMWF on 2019-05-10 (Linux desktops, ecgate)

At ECMWF:

- Installed **2019-05-09**
- Built with **ecCodes 2.12.5**

Bug fixes

- Fixed issue where the date filter did not work for uncompressed messages

Version 1.2.3

Not released externally.

Became codes_ui/new at ECMWF on 2019-02-15 (Linux desktops, ecgate)

At ECMWF:

- Installed **2019-02-15**
- Built with **ecCodes 2.12.0**

This version is identical to 1.2.2 but built with the latest ecCodes at ECMWF.

Version 1.2.2

Externally released on 2018-12-05

Became codes_ui/new and dev at ECMWF on 2018-12-05 (Linux desktops, ecgate)

At ECMWF:

- Installed **2018-12-05**
- Built with **ecCodes 2.10.0**

New features

- **BUFR dump**: added context menu to copy entries (e.g. key names) into clipboard

Version 1.2.1

Not released externally.

Became codes_ui/new at ECMWF on 2018-11-15 (Linux desktops, ecgate)

At ECMWF:

- Installed **2018-11-14**
- Built with **ecCodes 2.9.2**

This version is identical to 1.2.0 but built with the latest ecCodes at ECMWF.

Version 1.2.0

Externally released on 2018-11-02

Became codes_ui/new and dev at ECMWF on 2018-11-02 (Linux desktops, ecgate)

At ECMWF:

- Installed **2018-11-02**
- Built with **ecCodes 2.9.0**

New features

- **BUFR filter**: improved speed for BUFR filter
- **BUFR filter**: added option to filter by RDB type
- **Message list**: improved speed for generating data dump for BUFR messages (with ecCodes version >= 2.9.0)

Bug fixes

- Fixed issue where BUFR filter hung for tropical cyclone data
- Fixed issue when the scanning the BUFR locations entered an infinite loop after loading a new file
- Fixed issue when total number of messages was not shown correctly for GRIB

Version 1.1.0

Externally released on 2018-09-28
Became codes_ui/new and dev at ECMWF on 2018-09-27 (Linux desktops, ecgate)

At ECMWF:

- Installed **2018-09-27**
- Built with **ecCodes 2.9.0**

New features

- **Message list**: initial message list scan is now done in a separate thread to regain user interaction as soon as possible
- **BUFR filter**: speed up for filtering compressed messages
- **BUFR filter editor**: autocompletion is now continuously updated and extended as a new message is selected in he message list

Bug fixes

- Fixed bug for BUFR filter when data extraction using nested coordinate conditions did not work when the inner coordinate were repeated many my time inside the outer coordinate

Version 1.0.1

Externally released on 2018-06-25
Became codes_ui/new and dev at ECMWF on 2018-06-25 (Linux desktops, ecgate)

At ECMWF:

- Installed **2018-06-25**
- Built with **ecCodes 2.8.0**

Bug fixes

- Fixed bug when specifying a directory path as input caused a crash

Version 1.0.0

Externally released on 2018-04-18
Became codes_ui/new and dev at ECMWF on 2018-04-18 (Linux desktops, ecgate)

At ECMWF:

- Installed **2018-04-18**
- Built with **ecCodes 2.7.3**

New features

- **File list sidebar in BUFR examiner:** added button to clear current file list

Version 0.9.8

Externally released on 2018-02-28
Became codes_ui/dev at ECMWF on 2018-02-28 (Linux desktops, ecgate)

At ECMWF:

- Installed **2018-02-28**
- Built with **ecCodes 2.7.0**

New features

- **Custom condition in BUFR filter**: the default value of **rank** (see option CUSTOM_CONDITION_RANK_*N* here) is now **ANY**. It means that when the rank is not set for the custom condition the filter scans the whole message/subset to match the condition (potentially using multiple occurrences of the custom condition key). Previously the default value of rank was 1.
- **Coordinate condition in BUFR filter**: the **rank** (see option COORDINATE_CONDITION_RANK_*N* here) can now take a list of values.