
Subject: 2025.1rc

Posted by [mirek](#) on Tue, 25 Feb 2025 09:43:17 GMT

[View Forum Message](#) <> [Reply to Message](#)

The very first attempt...

<https://sourceforge.net/projects/upp/files/upp/2025.1rc/>

2025.1rc (Mar 2024)

Core

In Posix .log files moved to .local/state/u++/log

Lerp templates and functions for linear interpolation

FormatIntBase changed to work with int64 instead of int

DarkTheme function adjusted to better convert low luminosity colors

New AColor and SColor types allow simplified adjustments for dark mode when runtime theme switch happens.

Moveable logic changed to improve incomplete type handling

CountBits / CountBits64 function (using popcnt instruction)

new flagLEGACY_CPU to support really old CPUs

CtrlLib, CtrlCore

Runtime skin changes

InfoCtrl::LeftZ/RightZ scaled methods

Additional Animate functions for animation of widgets or general rectangles

WhenLeftUp event added to DocEdit/LineEdit/RichEdit

General chameleon look improvements in Linux/Windows/MacOS

AllowDarkContent in color selection widgets shows colors converted with DarkTheme if dark mode is active

Nicer Win11 dialog icons

Experimental Wayland support (there is now Wayland option in theide setup)

RichEdit

Set last character format tool

Find previous button in Find dialog

When find/replace dialog is open Enter key does another find

PersistentFindReplace now default false

Ctrl+Click now opens http and https links

Zooming improvements

PixelMode - special mode where images at 100% are pixel perfect.

AllowDarkContent, DarkContent - displays all colors converted with DarkTheme if dark mode is active, effectively allows dark paper in dark mode.

Core/SSH

libssh2 upgraded to version 1.11.1 (#209)

ide, umk

Posix config is now always in the same folder .../theide/.. for all variants of theide and umk (to share the same .var and .bm files)

RichEdits in theide now support dark theme

Json/XML viewer

aux packages now have Remove all menu command

bmGIT_BRANCH in build info

The option in settings to allow access to Downloads folder (default off on MacOS to prevent MacOS asking the permission)

Search in files new external includes and current assembly options

"Preselect All" option in assembly setup

Git history of file now shows blame

Git history of file Copy Hash button

Multiline cursor (Alt+Shift+Down to start)

Insert sequence tool

Automatic rc file creation (with app icon and manifest)

PDB debugger now can use Esc scripts for pretty printing

xfce terminal support in setup

experimental glslc support (see upptst/vulkan)

experimental CUDA support

MacOs

Fixed Assist issues

Fixed desktop folders (e.g. GetDownloadFolder function)

Main menu flicker prevention