
Subject: 2025.1 (alpha)

Posted by [mirek](#) on Thu, 13 Feb 2025 11:44:52 GMT

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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

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
- 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), CtrlLib: Nicer Win32 dialog icons
- PDB debugger now can use Esc scripts for pretty printing
- xfce terminal support in setup
- experimental glslc support (see upptst/vulkan)

MacOs

- Fixed Assist issues
- Fixed desktop folders (e.g. GetDownloadFolder function)
- Main menu flicker prevention