
Subject: U++ 2017.2 released

Posted by [mirek](#) on Thu, 14 Dec 2017 13:30:14 GMT

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

2017.2 (rev 11540) (Dec 2017)

****Core****

- * New AsyncWork class - U++ future-alike tool
- * CoWork: Exception propagation from worker threads, job cancellation support.
- * Bits class optimized, it is now possible to set multiple bits (count parameter)
- * WebSocket refactored for asynchronous operation
- * UTF-32 support functions, UnicodeCompose and UnicodeDecompose functions, support for UTF16 surrogate pairs
- * DeleteFolderDeep now deletes symlinks
- * MakeOne function (alternative to One::Create)
- * LoadFromFile, StoreToFile - Event variant
- * ReverseRange and SortedRange
- * Server Name Indicator support in Socket and HttpRequest
- * SSL1.1 API support
- * RegisterGlobalSerialize

****GUI programming****

- * ArrayCtrl: Improvements in sorting, new public GetCellRect, GetCellRectM, GetSelKeys, SetRowDisplay, SetColumnDisplay, AcceptRow methods
- * Button NakedStyle style.
- * WithDropChoice: Set/Remove entry in drop-down list
- * TextCtrl::Load refactored, now can break very long (>1MB) lines
- * TreeCtrl: GetOpenIds, OpenIds
- * IdCtrls, SqlCtrls refactored, improved
- * Option: SetColor
- * Edit...Spin: RoundFromMin modifier method
- * ColorPopup now has button to enter the color as text
- * New features in ScatterDraw, ScatterCtrl
- * Header / Footer can now be changed using paragraph properties
- * QTFDisplay now ignores text color / paper if style is not normal

****TheIDE****

- * Improved debugging of console applications with MinGW
- * MacroManager
- * Explicit Go to line.. operation (in addition to Navigator)
- * BRC now supports LZ4, LZMA and Zstd compression
- * File comparison tool improved
- * Directory comparison now can show/filter new/modified/removed files
- * Dark theme highlighting
- * Duplicate package function
- * FindAll button in normal Search (finds all occurrences in current file)
- * HexView now remembers position
- * Selection can be interpreted as error list

- * now shows the number of selected characters
- * tab size now possible on per-file basis
- * Repository synchronize refactored, now supports both svn and git
- * Layout visgen improvements
- * theide now supports Visual Studio 2017 C++ compiler auto setup
- * MS build tools autoseup

****3rd party modules****

- * MinGW 64 updated to GCC-7.2.0
 - * OpenSSL for VC++ updated to 1.0.2l
 - * plugin/lz4: lz4 updated to 1.7.3
 - * plugin/bz2: updated to 1.0.6
 - * plugin/jpg: updated to version 9b
 - * plugin/pcre: updated to 8.41
 - * plugin/png: updated to 1.2.57
 - * plugin/sqlite3: updated to 3.17.9
 - * plugin/z: Updated to 1.2.11
 - * plugin/Eigen: Updated to version 3.3.4
-