
Subject: U++ 2791 released

Posted by [koldo](#) on Tue, 19 Oct 2010 06:17:00 GMT

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

What is new in version 2791:

Core

- There are now new templates Tuple2 - Tuple4.
- Stream class got new methods Peek and PutPtr intended for optional optimizations.
- In Vector and Array template classes, interface was changed so that all Add methods are now returning the reference to the element inserted.
- String and WString has new Replace method.

Draw

- plugin/gif now has support for animated gifs, Raster and Raster encoder have new GetDPI and SetDPI methods. DPI information handling for png, tif and jpg was fixed.
- AttrText utility class has new Normallnk method and supports conversion from Value.

CtrlCore

- There is a new IsPainting method.

CtrlLib

- Progress has now blocked open if invoked during Draw method. IdCtrls have now Reset method.
- New utility function SelectDirectory.
- LineEdit now reacts to Shift+MouseWheel does horizontal scroll with horizontal scrolling.
- RichTextView got new WhenMouseMove callback.

GridCtrl

- Has now WhenBeforeChangeRow and WhenBeforeChangeCol callbacks, CancelDuplicate, SetCtrl, FindCol, ReadCol and CopyColumnNames methods and SetValues, GetValues and Xmlize template specialization.

Sql

- SqlSelect now can add individual fetch values using operator().
- New SqlMassInsert provides generic acceleration of mass inserts using 'union all' trick.
- IsSame is a new SqlExp equality test which is null safe (null == null yields true).
- Oracle8 has new BulkExecute interface to OCI8 array binds repeated command execution with varying parameter sets; speeds up inserts / updates drastically over networks with long roundtrip.

XmlRpc

- XmlRpcCall has now Proxy and ProxyAuth methods.

TheIDE

- Now has direct support for Windows SDK 7.1.

New plugin/Box2D package was added.

In Bazaar:

Added packages

- Protect: Software encryption system.
- Cypher, StreamCypher, CypherTest.
- DeEncrypter: A *simple* AESStream based Encrypter / Decrypter.
- BufferStream: Stream based on Vector<byte> buffer, self growing.
- CMeter: A progressbar / meter / slider with some versatile settings Ctrl .
- Dispatcher: Generic class to dispatch data to arbitrary recipients.
- HelpViewer, TestHelpViewer.

MtAlt

- Some improvements

Scatter

- Some fixes

Docking

- Some fixes

PixRaster

- Updated Leptonica library to version 1.65

TabBar

- Minor changes and fixes

Timer

- Minor changes

ExpandFrame

- Minor changes

AESStream

- Added SHA2 functions

LEDCtrl

- New LED control by Christian

Functions4U

- Added functions, GatherTpp, improved doc and fixed bugs

SysInfo

- Added GetAdapterInfo

Control4U

- Added Knob

OfficeAutomation

- Cyrillic characters support

UltimateBook

- Updated doc

Download it in <http://code.google.com/p/upp-mirror/downloads/list>

Linux packages also available in Launchpad: <https://launchpad.net/~dolik-rce/+archive/upp> and in AUR (Arch User Repository): <http://aur.archlinux.org/packages.php?O=0&K=u%2B%2B>
