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Subject: U++ 2791 released

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

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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>

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Subject: Re: U++ 2791 released

Posted by [jerson](#) on Tue, 19 Oct 2010 06:27:01 GMT

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Thanks Koldo. Glad to have a new release.

Best regards

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Subject: Re: U++ 2791 released

Posted by [tojocky](#) on Tue, 19 Oct 2010 07:24:55 GMT

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Very Nice!

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Subject: Re: U++ 2791 released

Posted by [koldo](#) on Tue, 19 Oct 2010 08:12:15 GMT

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Quote:Thanks Koldo. Glad to have a new release.Thanks to Mirek and all contributors .

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Subject: Re: U++ 2791 released

Posted by [mirek](#) on Tue, 19 Oct 2010 13:34:31 GMT

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koldo wrote on Tue, 19 October 2010 04:12Quote:Thanks Koldo. Glad to have a new

release.Thanks to Mirek and all contributors .

I guess this particular release has much more to do with "all contributors" than me. But that is a good thing!

Thanks everybody.

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Subject: Re: U++ 2791 released  
Posted by [281264](#) on Wed, 20 Oct 2010 14:30:32 GMT  
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Many thanks.

Javier

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