
Subject: U++ 1517 released

Posted by [koldo](#) on Tue, 18 Aug 2009 22:51:09 GMT

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What is new in version 1517:

- * Major overhaul graphics infrastructure is finished, U++ is now capable of headless drawing operations (e.g. drawing graphics and text into .png files in console applications, without X11) (example: [http://www.ultimatepp.org/reference\\$ConsoleDraw.html](http://www.ultimatepp.org/reference$ConsoleDraw.html))

Minor improvements:

- * RegExp fixed to work with mingw, added GetMatchPos method
 - * SetSurface functions for optimized raw output of RGBA data to screen (example: [http://www.ultimatepp.org/reference\\$SetSurface.html](http://www.ultimatepp.org/reference$SetSurface.html))
 - * Added Blackfin CPU support into Core
 - * EditField::NullText method now can provide an icon
 - * RichText, Report: RichTextLayoutTracer ability (example: [http://www.ultimatepp.org/reference\\$RichTextLayoutTracer.htm](http://www.ultimatepp.org/reference$RichTextLayoutTracer.htm) I)
 - * Core: Added StringStream::Reserve
 - * theide: Added package internal include paths
 - * theide: Ctrl+mouse wheel changes font size
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