Subject: is U++ the right tool for this?
Posted by alikim on Sat, 31 Jul 2010 16:03:33 GMT
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I need to create a standalone Windows application, which reads an image from the system clipboard and does some OCR.

So basically, I need access to the clipboard graphics data, some functionality to work with the bitmap at pixel level and then to store text data in a file.

Is it something which is easy to do with U++ ?

Thanks!

Subject: Re: is U++ the right tool for this?
Posted by andrei_natanael on Sat, 31 Jul 2010 20:49:31 GMT
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Hello alikim,

You don't have any OCR functions in U++ but if you want to create yours then it's easy to use U++ for everything else.
With ReadClipboardImage() you may read the image from clipboard, convert it in ImageBuffer and work directly with pixels.

Andrei

Subject: Re: is U++ the right tool for this?
Posted by mdelfede on Sat, 31 Jul 2010 21:10:32 GMT
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alikim wrote on Sat, 31 July 2010 18:03I need to create a standalone Windows application, which reads an image from the system clipboard and does some OCR.

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Thanks!

Take a look at PixRaster - PixRasterCtrl and TestLeptonica Bazaar classes.... mostly unfinished, but already containing a starting interface to Leptonica pixel library, which is aimed, among others, on raster document analysis.
I have also on my tree some basic Tesseract upp package. Tesseract is a good OCR opensource

package.
Combining both you can "quickly" ge a working doc analysis/ocr stuff; I was working on it some months ago and it was a promising stuff, already able to separate text and picture blocks from a scanned page and OCR the text parts.
No time anymore to develop it for now.....

Ciao

Max

Subject: Re: is U++ the right tool for this?
Posted by alikim on Sun, 01 Aug 2010 04:56:39 GMT
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thanks!