
Subject: Re: Native DPI

Posted by [mirek](#) on Mon, 25 May 2015 21:13:30 GMT

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Tom1 wrote on Mon, 25 May 2015 16:54Hi,

It seems Hi-DPI aware applications now have new requirements for per monitor DPI awareness. This is new in Windows 8.1. I think we need support for this inside upp:

<https://msdn.microsoft.com/en-us/library/windows/desktop/dd464659%28v=vs.85%29.aspx>

Best regards,

Tom

Well, great, GetDPIForMonitor is Win8.1 specific only...

Anyway, I agree we need to handle all this and soon. Based on screenshots, I would say that in reality, we are in fact quite close, the needs fixing but these are not problems of library. Except that we need have a new Chameleon variable that would rescale images 2x here and there...

As for rescaling algorithm, that one is tricky. Maybe generic Lancosz3 or bilinear would be OK, but we might consider something like these:

http://en.wikipedia.org/wiki/Image_scaling

Mirek