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Subject: What is the best way to handle scaling icons?  
Posted by [cbpporter](#) on Thu, 09 Aug 2018 13:34:54 GMT

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I've been having a lot of troubles with scaling under Windows. I went though the entire GUI to touch it up, testing under 125%, 150%, 175% and 200% scaling. Updated CodeEditor too to properly scale and be aesthetically pleasing.

The one problem is icons. What is the best way to handle this?

As far as I can tell, icons get scaled too, but they look jagged with some filtering smoothing.

Potential solutions:

1. Have multiple icon sizes? 16, 24, 32? Does U++ support multi-res icons or should I do this in code?
2. Use SVG icons? One could do on applications startup some size detection and render SVG icons into some sort of Image?

One problem with this is that RenderSVGImage from Painter package renders a background. I cleared the background and so far it looks like it is working properly. I'll have to render that image onto a bunch of GUI elements to see if transparency and sub pixel rendering is looking good.

Maybe RenderSVGImage should take the background clear color as a parameter?

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