Hi,
I'm evaluating RichEdit using this code in main.cpp:


```
#include <CtrlLib/CtrlLib.h>
#include <RichEdit/RichEdit.h>
using namespace Upp;

GUI_APP_MAIN
{
 RichText txt;
 {
  RichPara para;
  RichPara::Format fmt;
  (Font&)fmt = Monospace(50).Bold();
  para.Cat("", fmt);
  txt.Cat(para);
 }

   RichEdit e;
   e.ShowCodes(Null); //hide enter marks
   e.Clear();

   HDC screen = GetDC(NULL); // Get device context for the screen
   int dpiX = GetDeviceCaps(screen, LOGPIXELSX); // Horizontal DPI
   int dpiY = GetDeviceCaps(screen, LOGPIXELSY); // Vertical DPI
   ReleaseDC(NULL, screen);

   e.Pick(pick(txt));

   TopWindow win;
   win.Add(e.SizePos());
   win.Run();
}
```

When I copy paste an image (I use GreenShot) into RichEdit,
the pasted image shown is bigger.
Here I copied (PrintScreen using GreenShot) top left corner
of the window and pasted it back into RichEdit:

When I paste the image from file, the result is the same.

Can it be solved anyhow? I asked chatgpt :) and
it kinda hallucinated this solution (as there is
apparently no WhenPaste event handler in RichEdit object):

```cpp
class MyApp : public TopWindow {
    RichEdit richEdit;

public:
    MyApp() {
        Title("Adjust DPI for Pasted Image").Sizeable();

        // Intercept the paste action and adjust the image DPI
        richEdit.WhenPaste = [&]() {
            // Check if the clipboard contains an image
            if (ClipboardHas<Image>()) {
                Image img = ReadClipboardImage();
                if (!img.IsEmpty()) {
                    // Get system DPI
                    Size dpi = GetPrimaryScreenDPI(); // Get DPI of the primary screen
                    double scaleFactor = dpi.cx / 96.0; // Assuming 96 DPI as the base

                    // Scale the image
                    int newWidth = img.GetWidth() * scaleFactor;
                    int newHeight = img.GetHeight() * scaleFactor;
                    Image scaledImage = Rescale(img, newWidth, newHeight);

                    // Insert the scaled image into the RichEdit control
                    richEdit.PasteImage(scaledImage);
                }
            } else {
                // Default paste behavior for non-image content
                richEdit.Paste();
            }
        };

        Add(richEdit.SizePos());
    }
};
```

Michal

File Attachments
1) 2024-11-24 21_38_02-Clipboard.png, downloaded 268 times