Subject: CaptureScreenDll with PDF option
Posted by luisrod0512 on Mon, 23 Nov 2015 16:57:12 GMT
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I send you CaptureScreenDll reference with PDF option.

```
#include <CtrlLib/CtrlLib.h>
#include <plugin/bmp/bmp.h>
#include <plugin/jpg/jpg.h>
#include <plugin/gif/gif.h>
#include <plugin/tif/tif.h>
#include <Report/Report.h>
#include <PdfDraw/PdfDraw.h>

using namespace Upp;

Image ScreenShot(int x, int y, int cx, int cy)
{
 HDC dcScreen = CreateDC("DISPLAY", NULL, NULL, NULL);

 RGBA *pixels;

 Buffer<byte> data;
 data.Alloc(sizeof(BITMAPINFOHEADER) + sizeof(RGBQUAD)*256);
 BITMAPINFOHEADER *hi = (BITMAPINFOHEADER *) ~data;;
 memset(hi, 0, sizeof(BITMAPINFOHEADER));
 hi->biSize = sizeof(BITMAPINFOHEADER);
 hi->biPlanes = 1;
 hi->biBitCount = 32;
 hi->biCompression = BI_RGB;
 hi->biSizeImage = 0;
 hi->biClrUsed = 0;
 hi->biClrImportant = 0;
 hi->biWidth = cx;
 hi->biHeight = -cy;

 HBITMAP hbmp = CreateDIBSection(dcScreen, (BITMAPINFO *)hi, DIB_RGB_COLORS, (void
**)&pixels, NULL, 0);
 HDC dcMem = ::CreateCompatibleDC(dcScreen);
 HBITMAP hbmpOld = (HBITMAP) ::SelectObject(dcMem, hbmp);
 HDC hdcCompatible = CreateCompatibleDC(dcScreen);
 ::BitBlt(dcMem, 0, 0, cx, cy, dcScreen, x, y, SRCCOPY);

 ImageBuffer ib(cx, cy);
 memcpy(~ib, pixels, cx * cy * sizeof(RGBA));

 ::DeleteObject(::SelectObject(dcMem, hbmpOld));
 ::DeleteDC(dcMem);
```

```
 ::DeleteDC(dcScreen);

 return ib;
};

void PDFEncoder(String filename, Image m)
{
 FileSel fs;
 Report r;
 r.DrawImage(0,0,Rescale(m,r.GetSize()));
 fs.Set(filename);
 SaveFile(~fs, UPP::Pdf(r));
};

extern "C" __declspec(dllexport) int capture_screen(int x, int y, int cx, int cy, char *filename) {
 Image m = ScreenShot(x, y, cx, cy);
 String ext = ToLower(GetFileExt(filename));
 if(ext == ".png")
  PNGEncoder().SaveFile(filename, m);
 if(ext == ".bmp")
  BMPEncoder().Bpp(32).SaveFile(filename, m);
 if(ext == ".jpg")
  JPGEncoder().SaveFile(filename, m);
 if(ext == ".gif")
  GIFEncoder().SaveFile(filename, m);
 if(ext == ".tif" || ext == ".tiff")
  TIFEncoder().SaveFile(filename, m);
 if(ext == ".pdf")
  PDFEncoder(filename, m);
 return 0;
}

DLL_APP_MAIN {
}
```

File Attachments

1) CaptureScreenDll.upp, downloaded 558 times