
Subject: SaveFile progress tracking

Posted by [Mountacir](#) on Fri, 08 Apr 2022 18:16:25 GMT

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Hello,

How to track the progress of SaveFile with Progress dialog or ProgressIndicator?

I have this big image that takes a couple of seconds to save, I couldn't figure out how to show it's progress.

Any help is appreciated. Thanks!

```
void Test::ImgSave(){

    fsn.DefaultExt("png");
    if(!fsn.ExecuteSaveAs()) return;
    String fn = fsn;
    int w = 10000;
    int h = 10000;

    work.Run([=] {

        ImageDraw dw(w, h);
        dw.DrawRect(0, 0, w, h, White());
        ImageBuffer img(dw);
        img.SetDPI(Size(300,300));
        PNGEncoder encoder;

        encoder.SaveFile ( fn, img ); //How to track progress of this?

        GuiLock __;
        statusBar = "Saved!";
    });

}
```

Subject: Re: SaveFile progress tracking

Posted by [Mountacir](#) on Sat, 09 Apr 2022 19:53:06 GMT

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I found this solution from RasterEncoder.cpp

Works perfectly!

```

void Test::ImgSave(){

    fsn.DefaultExt("png");
    if(!fsn.ExecuteSaveAs()) return;
    String fn = fsn;
    int w = 10000;
    int h = 10000;

    work.Run([=] {

        ImageDraw dw(w, h);
        dw.DrawRect(0, 0, w, h, White());
        ImageBuffer img(dw);
        img.SetDPI(Size(300,300));

        ImageRaster raster(img);
        PNGEncoder encoder;
        FileOut out(fn);

        encoder.SetStream(out);
        Size sz = raster.GetSize();
        encoder.SetDots(raster.GetInfo().dots);
        encoder.SetHotSpot(raster.GetInfo().hotspot);
        encoder.Create(sz, raster);

        for(int i = 0; i < sz.cy; i++){
            encoder.WriteLine(raster[i]);

            GuiLock __;
            if (i==0){
                progressindicator.Set(0,sz.cy);
                progressindicator.Show();
            }
            progressindicator.Set(i);
        }

        GuiLock __;
        statusBar = "Saved!";
    });
}

```