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**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!";
});

}
```

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**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!";
});

}


```

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