
Subject: Re: JPEG Images do not get rotated correctly

Posted by [mirek](#) on Sat, 13 Oct 2018 17:07:17 GMT

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Tom1 wrote on Fri, 12 October 2018 21:21Hi,

Found it.

In Raster.h it should read:

```
enum FlipMode {
    FLIP_NONE          = 1,
    FLIP_MIRROR_HORZ   = 2,
    FLIP_ROTATE_180     = 3,
    FLIP_MIRROR_VERT    = 4,
    FLIP_TRANSPOSE      = 5,
    FLIP_ROTATE_CLOCKWISE = 6,
    FLIP_TRANSVERSE     = 7,
    FLIP_ROTATE_ANTICLOCKWISE = 8,
}
```

And in jpgupp.cpp:

```
Raster::Info JPGRaster::GetInfo()
{
    ASSERT(data);
    Raster::Info info;
    info.kind = IMAGE_OPAQUE;
    if(data->cinfo.output_components == 1) {
        info.bpp = 8;
        info.colors = 256;
    }
    else {
        info.bpp = 24;
        info.colors = 0;
    }
    info.dots = data->dot_size;
    info.hotspot = Null;
    Value v = GetMetaData("orientation");
    if(IsNumber(v))
        info.orientation = clamp((int)v, 1, 8);
    return info;
}
```

I.e. The Exif orientation value runs from 1 to 8 instead of 0 to 7.

Anyway, thanks for this new easier way of dealing with photos!

Best regards,

Tom

Ops. FlipMode constants are as I wanted them (I think it is a good idea that 0 is "do nothing"), but I have forgot to subtract 1 in jpg. Fix committed.
