
Subject: Re: JPEG Images do not get rotated correctly
Posted by [Oblivion](#) on Thu, 04 Oct 2018 16:13:03 GMT
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Hello Tom,

Well, adding this to Raster is not so trivial, as -AFAIK- this EXIF orientation tag is currently jpeg specific and Raster::GetImage is not virtual.

I'd rather add this as a JPGRaster method.

```
Image JPGRaster::GetNormalizedImage()
{
    Value n = GetMetaData("orientation");
    Image img(GetImage());

    if(!IsNull(n))
        switch((int)n){
            case 2:
                img = MirrorHorz(img);
                break;
            case 3:
                img = Rotate180(img);
                break;
            case 4:
                img = MirrorVert(img);
                break;
            case 5:
                img = RotateAntiClockwise(MirrorHorz(img));
                break;
            case 6:
                img = RotateClockwise(img);
                break;
            case 7:
                img = RotateClockwise(MirrorHorz(img));
                break;
            case 8:
                img = RotateAntiClockwise(img);
                break;
            default:
                // Natural orientation
                break;
        }
    return pick(img);
}
```

Of course, it is up to Mirek and/or the developer(s) of the plugin to decide.

Best regards,
Oblivion
