
Subject: Raw image data manipulation

Posted by [nasos_i](#) on Thu, 20 Sep 2007 20:44:55 GMT

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Hi all,

I have just started playing around with upp and I am really excited about its features. I am trying to adopt my code into it and I have to say that it seem astonishingly trivial in most cases.

I've been also working with Adobe's Generic Image Library (Adobe's GIL) and one of the aspects I am concerned in, is image raw data manipulation (the real image data in memory). I'd prefer sharing that data between upp/gil and maybe a capturing device for real-time image processing. I can have it in the form of interleaved RGBA, upp is using, but I can't figure out a way other than copying channel values, pixel by pixel, from my GIL image type to upp image.

Ideally the code would look like this roughly.

```
// This is GIL code
rgb8_image_t gil_img;
.....
unsigned char* gil_data = interleaved_view_get_raw_data( view( img ));
```

```
// This is upp code
img.data = gil_data; //<-- Of course this can't work
.....
```

Any ideas/suggestions?