
Subject: Re: tif image 16 bit. autolevel
Posted by [tojocky](#) on Mon, 02 May 2011 10:03:20 GMT
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OK, Now I'm able to print the histogram!

before autolevel:

and after autolevel:

and the algorithm:

```
Vector<XY> hist_data;  
for(int i=0;i<256;++i)  
    hist_data << XY(i, 0);  
  
const RGBA *s = ~img;  
const RGBA *e = s + img.GetLength();  
while(s < e) {  
    v_curr_value = (s->r+s->g+s->b)/3;  
    hist_data[v_curr_value].y++;  
    if(hist_data[v_curr_value].y>v_max_y)  
        v_max_y = hist_data[v_curr_value].y;  
    s++;  
}
```

The easy way remain how to compute the autolevel algorithm in base of histogram!

File Attachments

- 1) [histogram_1.PNG](#), downloaded 883 times
 - 2) [histogram_2.PNG](#), downloaded 817 times
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