Subject: Re: hist_2d question Posted by Chris[6] on Tue, 16 Dec 2008 17:49:08 GMT

View Forum Message <> Reply to Message

On Dec 16, 3:45 am, "Jeff N." <jeffnettles4...@gmail.com> wrote:

> Hi folks,

>

- > I'm working with 2d histograms for the first time, and have a question
- > the documentation doesn't seem to answer (or i missed it).

>

- > Is there a way to construct your bins such that you'll know how many
- > output DN your image has? I want to put a color table on my image,
- > and have been constructing color tables to match the number of output
- > DN, which is fine but i'm wondering if there's a way to ensure 256 DN
- > in the output. I'm sure the answer to this question is "make your
- > bins right", but i'm wondering if there's a straightforward way to
- > calculate how to do that.

>

- > Thanks for any help,
- > Jeff

I don't know of any easy way to do this, but I assume you want the __peak__ number of counts in a bin to be 256 (the total number is just the number of datapoints you feed into the histogram call, unless you clip out the edges). Why not just use bytscl() to scale the result afterwards?