
Subject: Re: rebinning histogram

Posted by [James Kuyper](#) on Mon, 31 Oct 2005 18:34:52 GMT

[View Forum Message](#) <> [Reply to Message](#)

James Kuyper wrote:

```
> Is there some way within IDL to do the following while avoiding the
> inefficiency of using IDL loops?
>
> rows = 135
> cols = 203
> ratio = 10
> values = 8
>
> summary = DBLARR(values, cols, rows)
> data = DBLARR(cols*ratio, rows*ratio)
>
> FOR row=0,rows-1 DO BEGIN
>   FOR col=0, cols-1 DO BEGIN
>     summary[col,row,*] = HISTOGRAM(data[ratio*col:(ratio*col+1), $
```

correction:

```
summary[*,col,row] = ...
```

```
>     ratio*row:(ratio*row+10), MIN=1, MAX=VALUES)
>   ENDFOR
> ENDFOR
```
