Subject: rebinning histogram
Posted by James Kuyper on Mon, 31 Oct 2005 17:30:36 GMT
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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), $
         ratio*row:(ratio*row+10), MIN=1, MAX=VALUES)
   ENDFOR
ENDFOR
```