
Subject: Re: something (wrong?) with CONGRID?

Posted by JP on Mon, 02 May 2011 03:35:39 GMT

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By the way, what I am trying to do is to create an array that groups pixels of my original array ARRAY of dims ns, nl in areas of size x, x.

For example, my array is of size (ns, nl) and x=10 I do:

```
x= 10
a = lindgen(ns/x, nl/x) ; makes array of dims / x
b = congrid(a, (ns/x)*x, (nl/x)*x) ; resizes a to original size
c = lonarr(ns, nl) ; new array the size I want
c[0:(ns/x)*x-1, 0:(nl/x)*x-1] = b ; fills the array I want with b (leaves 0 in the bottom and right
borders which don't add to 10 pixels
undefine, a, b ; gets rid of a and b
```

```
histo_c = Histogram(c, BINSIZE=1, REVERSE_INDICES=ri)
```

then I use the array c (via reverse_indices) to do my processing of ARRAY in areas of 10x10 (in the example above).

If there is a simpler, better way to do that I'll be happy to know.

JP
