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Subject: Re: Resizing Oddity

Posted by [Bringfried Stecklum](#) on Thu, 29 Jan 2004 10:00:01 GMT

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David Fanning wrote:

> I have two questions. The first is for all of you.  
>  
> 1. Why do I have to deconstruct my image to get what I  
> expected to get with a single line of code? What is  
> Congrid doing in Window 3 that is different from what  
> it is doing in Window 4?  
>

Dear David,

a quick look at `congrid.pro` reveals that for 3D arrays, linear interpolation is always done (INTERP and CUBIC do not have any effect). In case of 2D arrays, however, INTERP=0 will force `congrid` to behave like `rebin` which gives you the desired blocky appearance.

2nd question. What about

```
tv,congrid(rebin(testdog,400,3,550,/sam),400,3,400),true=2
```

cheers,

Bringfried

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