
Subject: rebin vs congrid

Posted by [greg.addr](#) on Tue, 22 Jul 2014 14:12:14 GMT

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The documentation says rebin is somewhat faster than congrid, but it doesn't seem to be true (at least, not for upsizing)...

```
pro tmp_rebin_vs_congrid
  sz=[5000L,5000L]
  f=8
  a=findgen(sz)
  t=tic("rebin")
  b=rebin(a,sz[0]*f,sz[1]*f,/sample)
  toc,t
  t=tic("congrid")
  c=congrid(a,sz[0]*f,sz[1]*f)
  toc,t
end
```

```
IDL> tmp_rebin_vs_congrid
% Time elapsed rebin: 4.6150000 seconds.
% Time elapsed congrid: 1.9849999 seconds.
IDL>
```

cheers,
Greg
