
Subject: Re: Rebin or interpolate to resample data
Posted by [zolile mtumela](#) on Thu, 26 Mar 2015 17:39:57 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Thursday, March 26, 2015 at 12:38:50 PM UTC+2, zolile...@gmail.com wrote:

> Dear All

>

> I would like to get help and suggestion. I have the kind of the ff data

> for date, time, Vth, np, componts

> 06-10-2006 18:01:29.792 21.1418 9.74535 13028.9

> 06-10-2006 18:03:07.441 21.6775 10.0489 13029

> 06-10-2006 18:04:45.089 21.7285 9.97453 13028.9

> 06-10-2006 18:06:22.738 22.132 10.11 13029

> 06-10-2006 18:08:00.386 22.1387 10.3035 13028.9

> 06-10-2006 18:09:38.035 22.8853 10.5292 13028.9

> 06-10-2006 18:11:09.574 23.767 11.1701 6925.9

> 06-10-2006 18:12:56.382 23.2873 10.1314 1302

>

> I cannt findout the correct time resolution and I would like to change the current time resolution to 60s.

>

> I have tried rebin and interpolate. I can have the number of points I can with other components but It is correct beacuse I failed to change real time to a new time with 60s time resolution

>

> I hv tried something like this

>

> Newvth = interpolate(vth, 3./11.*Findgen(240))

>

> Any help will be highly appreciated, thank you in advance for your time.

>

> Zolile

This is a four hour data,

I tried to use congrid like this

data = congrid(vx_array, 240,/center, cubic=-0.5)

I know in four hour with a time resolution of 60s, we suppose to get 240 number of points.

So with time, I am really struggling, Can u help plz

Many thanks
