Subject: Re: change pixel scale
Posted by spasoklampanas on Sat, 26 May 2012 15:56:23 GMT
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On May 26, 6:28 pm, wlandsman <wlands...@gmail.com> wrote:
> How do you know that it "didn't do the job"? How are you determining the pixel scale?
>
>
>
>
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>
>
> On Saturday, May 26, 2012 10:34:42 AM UTC-4, spasokl...@yahoo.com wrote:
>> On May 26, 5:01 pm, wlandsman <wlands...@gmail.com> wrote:
>>> On Saturday, May 26, 2012 7:46:20 AM UTC-4, spasokl...@yahoo.com wrote:
>>>> Hi
>
>>>> I have some fits files (astronomy images) that have a different
>>>> pixel scale. How is it possible to bring them on the same pixel scale?
>>>> The given routine of degrade is not suitable, since it degrades the
>>>> image resolution by a factor of two, which is not my case.
>
>>>> Thanks a lot.
>
>>> Try hastrom.pro
>
>>> http://idlastro.gsfc.nasa.gov/ftp/pro/astrom/hastrom.pro
>
>> I have tried this script using the following:
>> fits_read, 'L1780_IR.fits', image_Ha,hdr
>> fits_read, 'L1780_Av.fits', image_Av,hdr2
>> HASTROM, image_Av, hdr2, image_Av_6, newhdr, hdr
>> writefits,'Av_6_2mass.fits',image_Av_6,newhdr
>> end
>
>> But it didn't do the job. Is there any other way to use the script?
>> I mean another calling sequence?
>> Thanx a lot

The cloud in the output image seems that it disappeared.No idea why. Could that be due to the difference of the input arrays? The dimensions are:

```
IMAGE_AV        FLOAT     = Array[2133, 1602]
IMAGE_AV_6      FLOAT     = Array[250, 250]
IMAGE_HA        FLOAT     = Array[250, 250]
```

Once again, thanks a lot for your tips.