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Subject: Re: Announcing GDL 0.7.2, now with python support

Posted by [Chris Lee](#) on Thu, 15 Apr 2004 08:04:42 GMT

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In article <c5iuba\$sr4\$1@news.riken.go.jp>, "Marc Schellens"  
<m\_schellens@hotmail.com> wrote:

> GDL - GNU Data Language, an IDL 6.0 compatible incremental compiler.  
> Version: 0.7.2  
> Now with python support: Python functions can be called from within GDL.  
> See the file PYTHON.txt for details. Furthermore several library  
> functions were added (some written in GDL (see gdl/pro subdirectory, by  
> Christopher Lee). Now the color of plots can be changed (TVLCT  
> procedure).

There are two errors in calculating the skewness and kurtosis which I  
know about (overactive copy-pasting). They should be

```
skewness=(1./n) * total((*xptr-mean)^3)/(sqrt(variance))^3  
kurtosis=(1./n) * total((*xptr-mean)^4)/(sqrt(variance))^4 - 3.
```

but (Marc), I have improved versions, I thought I had sent them :(

Also, the NetCDF functions are almost done (varput/vardef/varrename are  
left).

Chris.

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