Subject: Re: moment functions with dimen keyword
Posted by pgrigis on Thu, 20 Nov 2008 15:22:56 GMT
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FÖLDY Lajos wrote:
> On Thu, 20 Nov 2008, Paolo wrote:
>
>> I have done the same last year with moment....
>> and I am sure many others did! (to save execution
>> time, I added a keyword maxmoment, such that it
>> does not compute the kurtosis if I only need the average).
>
> IDL 6.4's MOMENT has a MAXMOMENT keyword. Use the source, Luke!

Correct my statement "I added" to "RSI added"
(it's hard to remember what I did last week,
not to mention one year ago...)
Yes, I shamelessy modified the source code.
But I am not distributing it, so I don't think
I am in violation of copyright.

Ciao,
Paolo

> (not the documentation :-)
>
> regards,
> lajos
>
> ; CALLING SEQUENCE:
> ; Result = Moment(X)
> ;
> ; INPUTS:
> ; X: An N-element vector of type integer, float or double.
> ;
> ; KEYWORD PARAMETERS:
> ; DOUBLE: IF set to a non-zero value, computations are done in
> ; double precision arithmetic.
> ;
> ; MDEV: Use this keyword to specify a named variable which returns
> ; the mean absolute deviation of X.
> ;
> ; SDEV: Use this keyword to specify a named variable which returns
> ; the standard deviation of X.
> ;
> ; MAXMOMENT:

> ; Use this keyword to limit the number of moments:
> ; Maxmoment = 1 Calculate only the mean.
> ; Maxmoment = 2 Calculate the mean and variance.
> ; Maxmoment = 3 Calculate the mean, variance, and skewness.
> ; Maxmoment = 4 Calculate the mean, variance, skewness,
> ; and kurtosis (the default).
> ;
> ; NAN: Treat NaN elements as missing data.
> ; (Due to problems with IEEE support on some platforms,
> ; infinite data will be treated as missing as well.)
