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Subject: Data Validation

Posted by [majewski](#) on Tue, 21 Mar 2000 08:00:00 GMT

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Hi

Is it possible to speed up this process...

I have a system of instruments which feed their output into a data taker (15 second interval, for ~a week at a time). The data taker outputs a comma delimited ascii file which I then process in IDL.

Occasionally the data taker, due to the harsh conditions it's under (in the hull of a boat), drops characters - rendering the line corrupt.

I am trying to ensure that the data passed to the processing routine is error free.

Currently my system does a `str_sep(data_string, ',')` to determine the number of terms on a line. if its too few or too many (`#<14<#`) the line is dropped.

I then have an error check of each of the terms to see if they are floats (and also in the valid ranges).

`onerror, readnext`

`convert to float, etc`

`readnext: ;->` returns to start of loop

anyway if it is possible to speed up this process (or I've gone about it the wrong way) I'd like to know

leon Majewski

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