Subject: Re: cw_field: checking entries
Posted by David Fanning on Fri, 12 Mar 2004 10:40:50 GMT

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Ralf Schaa writes:

> you know the feeling of wanna kick your computer...?
> (hmm ,it's not the computer fault, is it?)
>
> so i like to check the validity of the entries in a cw_field,
> when it is not defined , send a message, when it is defined go on.
> actually simple as that, but the thing is, it seems to me the value is
> always defined, no matter if there is someting in the field or not.
> i am sure some of you have fixed this problem 100 years ago, so what
> do you suggest?

I remember this being a LOT harder than it looks. :-)

You can see how I did it in FSC_FIELD. The example
code at the end of the file (do a .compile of the
file to see it) gives an example of how to test for
an undefined value, etc.

   http://www.dfanning.com/programs/fsc_field.pro

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting
Coyote's Guide to IDL Programming: http://www.dfanning.com/

Subject: Re: cw_field: checking entries
Posted by schaa on Sat, 13 Mar 2004 08:55:29 GMT

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David Fanning <david@dfanning.com> wrote:
> I remember this being a LOT harder than it looks. :-)
>
> You can see how I did it in FSC_FIELD. The example
> code at the end of the file (do a .compile of the
> file to see it) gives an example of how to test for
> an undefined value, etc.

Thanks again David.
Who could imagine that it would have been so tough...

A little problem occured in when testing with the Undefined-key:
when testing the field-value with 'Finite' i had always a '1'
returned. The 'Undefined' in FSC_Field was set to -9999.0 as in your
example; only when i set it to 1e39, i had the expected result ...

Kind regards
-Ralf

p.s.: a few days ago, i asked you a about a 'dynamical structure' and
you answered pointers would do. I tried that and it works :-)