
Subject: Re: Error handling by build-in IDL routines
Posted by [R.Bauer](#) on Mon, 15 Mar 1999 08:00:00 GMT
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Frank Holland wrote:

```
> Hi!
>
> I have a question about error handling by build-in IDL routines.
> Consider the following example:
>
> fritz = 'the cat'
> print, median(fritz)
>
> IDL replies with:
> % MEDIAN: Expression must be an array in this context: FRITZ.
> % Execution halted at: $MAIN$
>
> My question:
> How does the function MEDIAN knows the name of the parameter (i.e.
> FRITZ) I passed into it? How can I implement this functionality into my
> own IDL routines?
>
> Thanks for any suggestions,
>
> Frank
```

Try this!

PRO t2,test

```
HELP,/recall,output=output
for_test=(STR_SEP(output[1],','))[1]
varsize=SIZE(routine_names(for_test,fetch=-1),/type)
VarValue = Routine_Names(for_test, FETCH=-1 )

IF test EQ varvalue THEN IF varsize NE 4 THEN $
MESSAGE,'Expression must be of type FLOAT: '+for_test,/info
```

END

```
dd='dummy'
t2,dummy
```

R.Bauer

Hallo Frank,

ich denke gerade über eine allgemeinere Funktion nach.
Die Idee von heute morgen war eigentlich schon fast richtig. Ich habe nur
nicht an
den recall buffer gedacht.

R.
