
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,dd
```

```
% T2: Expression must be of type FLOAT:dd
```

R.Bauer
