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Subject: Re: Data type detection  
Posted by [R.Bauer](#) on Thu, 05 Sep 2002 20:18:20 GMT  
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Rick Towler wrote:

```
> type = size(variable, /type)
>
> see help on the SIZE function for the type codes.
>
> -Rick
```

In addition of this we have developed a routine `is_type`

if `is_type(var,'STRING')` then ....

to determine if a string is a valid number we are using  
the routine `is_number`

[http://www.fz-juelich.de/icg/icg-i/idl\\_icglib/idl\\_source/idl\\_html/dbase/download/is\\_type.tar.gz](http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl_html/dbase/download/is_type.tar.gz)  
[http://www.fz-juelich.de/icg/icg-i/idl\\_icglib/idl\\_source/idl\\_html/dbase/download/is\\_number.tar.gz](http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl_html/dbase/download/is_number.tar.gz)

or as idl5.5 binary

[http://www.fz-juelich.de/icg/icg-i/idl\\_icglib/idl\\_source/idl\\_html/dbase/download/is\\_type.sav](http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl_html/dbase/download/is_type.sav)  
[http://www.fz-juelich.de/icg/icg-i/idl\\_icglib/idl\\_source/idl\\_html/dbase/download/is\\_number.sav](http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl_html/dbase/download/is_number.sav)

For further routines and licensing please have a look at  
[http://www.fz-juelich.de/icg/icg-i/idl\\_icglib/idl\\_lib\\_intro.html](http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html)

regards

Reimar

```
>
>
> "Asti Bhatt" <astib@cc.usu.edu> wrote in message
> news:9e922196.0209041532.42fa4483@posting.google.com...
>> Hi,
>>
>> Greetings. I need to detect data type of particular variable in my
>> program. i.e. something like - if datatype of x equals integer then
```

>> ...  
>> I couldn't find anything for it. Does anybody know the way to do such  
>> thing ?  
>>  
>> Thank you,  
>> Asti

--  
Forschungszentrum Juelich  
email: R.Bauer@fz-juelich.de  
<http://www.fz-juelich.de/icg/icg-i/>

=====  
a IDL library at ForschungsZentrum Juelich  
[http://www.fz-juelich.de/icg/icg-i/idl\\_icglib/idl\\_lib\\_intro.html](http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html)

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