
Subject: Re: How to check variable type?

Posted by [MKatz843](#) on Mon, 16 Aug 2004 23:49:55 GMT

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Here's a little dual-action function you can use.

```
;+
;-----
; IDL function: var_type.pro
; for a given input variable, this function returns
; the type of that variable. The returned value is a number 0-15
; equal to the second-to-last field in the "size" function,
; OR if the keyword "string" is set, a type name is returned.
;
; Examples:
; print, var_type(1d) ;--- returns "5"
; print, var_type(1d, /string) ;--- returns "DOUBLE"
;-----
;-
```

```
function var_type, a, string = string
return, keyword_set(string) ? size(a, /TNAME) : size(a, /TYPE)
end
```

biophys@gmail.com (biophysics) wrote in message
news:<512b0d8b.0408131520.46e68fbd@posting.google.com>...

> Hi, guys

>

> I want to write a function that processes data very differently
> according to the type. But How do I check the type inline? I couldn't
> find any clue by a quick look through the function list. Can anybody
> give me some hints?

>
