
Subject: Re: calling a structure tag as a variable?

Posted by [desertdryad](#) on Mon, 27 Feb 2012 19:28:58 GMT

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Ah, yes. Thanks so much, guys! I went via Paul's method.

On Feb 27, 10:06 am, Paul van Delst <paul.vande...@noaa.gov> wrote:

> David Fanning wrote:

>> Paul van Delst writes:

>

>>> How about something like:

>

>>> PRO process_mystructure, \$

>>> mystructure, \$; The structure

>>> tag ; The tag name on which to operate

>

>>> tag_idx = WHERE(TAG_NAMES(mystructure) EQ tag, count)

>>> IF (count NE 1) THEN MESSAGE, 'Invalid input tag'

>

>>> ; Pull out data to operate on

>>> data = mystructure.(tag_idx[0])

>

>>>operate on data...calling separate, generic procedure?

>

>>> ; Stick it back in the structure

>>> mystructure.(tag_idx[0]) = data

>

>>> END

>

>> I'd remember to make that tag UPPERCASE or you

>> are *never* going to find it! ;-)

>

> Good point.

>

> tag_idx = WHERE(TAG_NAMES(mystructure) EQ STRUPCASE(tag), count)
