
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)
