## Subject: Re: [Q] extracting value from a structure ... Posted by Thomas A. McGlynn on Thu, 10 Sep 1998 07:00:00 GMT

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dEdmundson@Bigfoot.com wrote:
 Consider the following:
       r = \{name: 'john', age=18\}
       s = 'age'
>
>
> Given the string s, is there an easy way to
> extract the value of the corresponding tag
> in r? s is not known at compile time so
> the trivial r.age reference is not possible.
 My current solution is:
>
       command = 'v=r.'+s
>
       execute(command)
>
       print, 'age=',v
>
> but this is slow because of the run time
> compilation of 'command'. Surely there
 is an easier way ...
>
> Cheers.
> Darran.
Sure. Try something like
   w = where(tag_names(r) eq strupcase(s))
   if (w(0) \text{ ne } -1) then print, 'age=',r.(w(0))
If you're doing this a lot you'll want to store
the tag_names array somewhere.
 Regards,
 Tom McGlynn
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```