
Subject: Re: [Q] extracting value from a structure ...
Posted by [davidf](#) on Wed, 09 Sep 1998 07:00:00 GMT
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Darran Edmundson (dEdmundson@Bigfoot.com) writes:

> 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?

I would try something like this:

```
r = {name: 'john', age:18}
s = 'age'
index = Where(Tag_Names(r) EQ StrUpCase(s), count)
IF count NE 0 THEN Print, r.(index[0])
```

Cheers,

David

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Subject: [Q] extracting value from a structure ...
Posted by [dEdmundson](#) on Thu, 10 Sep 1998 07:00:00 GMT
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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.

-----== Posted via Deja News, The Leader in Internet Discussion ==-----
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Subject: Re: [Q] extracting value from a structure ...
Posted by [Imanol Echave](#) on Fri, 11 Sep 1998 07:00:00 GMT
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What do you think about this?

struct={NAME:'Imanol',AGE:24}
field='AGE'

```
index=(WHERE(field EQ TAG_NAMES(struct)))[0]
value=struct.(index)
PRINT,field+'=',value
```

NOTE: TAG_NAMES returns the names ALWAYS ON UPPERCASE. If you do field='age' the
program will not work.
