
Subject: Re: accessing structures

Posted by [brian.jackel](#) on Sun, 30 Jun 1996 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

In article <4r48vn\$jpu@lace.colorado.edu> kachun@bogart.Colorado.EDU (Ka Chun Yu) writes:

> Does anyone know how to access parts of structures in IDL? Looking
> up the version of IDL, I can type:
> IDL> print,!version
> { sparc sunos 3.6.1}

> I can't directly access the individual components, since a help will
> give:
> IDL> help,!version
> <Expression> STRUCT = -> !VERSION Array(1)

For this, try HELP,/STRUCT,!version

which gives something like:

** Structure !VERSION, 4 tags, length=32:

```
ARCH      STRING 'x86'  
OS        STRING 'Win32'  
OS_FAMILY STRING 'Windows'  
RELEASE   STRING '4.0.1'
```

Also handy are the routines:

N_TAGS(!version) which returns the number of tags in the structure

TAG_NAMES(!version) which gives an array of strings containing the tag names

Finally, tags can also be referenced by:

!version.(0) which is the same as !version.arch

!version.(1) !version.os

etc.

Hope this helps.

Brian Jackel
University of Western Ontario
