
Subject: Re: create_struct problem

Posted by [David Fanning](#) on Tue, 04 Mar 2003 17:58:12 GMT

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Reimar Bauer (R.Bauer@fz-juelich.de) writes:

```
> where is described this behaviour in idl5.6
>
> x=create_struct('case',1)
> % CREATE_STRUCT: Illegal tag name: case.
> % Execution halted at: $MAIN$
>
>
> in 5.5 it was no problem
>
> It looks like no controll statement works
```

Well, hooray! It looks like the sheriff is finally going to enforce the reserved word prohibition. Guess we will all have to clean up our language or end up in the slammer. :-)

Cheers,

David

Cheers,

David

--

David W. Fanning, Ph.D.

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

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Subject: Re: create_struct problem

Posted by [R.Bauer](#) on Tue, 04 Mar 2003 19:49:14 GMT

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David Fanning wrote:

```
> Reimar Bauer (R.Bauer@fz-juelich.de) writes:
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> prohibition. Guess we will all have to clean
> up our language or end up in the slammer. :-)
```

Ouch!

Why is such a change not announced a version before.

But it is not as bad as i thought before.
case is forbidden cases is permitted.

cheers

Reimar

```
>
> Cheers,
>
> David
>
> Cheers,
>
> David
```

--

Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de
<http://www.fz-juelich.de/icg/icg-i/>

=====

a IDL library at Forschungszentrum Juelich
http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html

Subject: Re: create_struct problem
Posted by [David Fanning](#) on Tue, 04 Mar 2003 20:31:09 GMT
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Reimar Bauer (R.Bauer@fz-juelich.de) writes:

> Why is such a change not announced a version before.

Because real programmers don't have any more foresight than you and I do. :-)

Cheers,

David

--

David W. Fanning, Ph.D.

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Subject: Re: create_struct problem

Posted by [Craig Markwardt](#) on Wed, 05 Mar 2003 08:58:30 GMT

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David Fanning <david@dfanning.com> writes:

> Reimar Bauer (R.Bauer@fz-juelich.de) writes:
>
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>>
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> Well, hooray! It looks like the sheriff is
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> prohibition. Guess we will all have to clean
> up our language or end up in the slammer. :-)

This, I have no problem with. Creating a structure with a reserved word is almost like creating a structure that can't be used.

It's nowhere like ATAN which had a working behavior before the sheriff changed it :-)

This new tag-name prohibition might have subtle effects. For example,

I think MRDFITS reads a FITS table into a structure with fields named according to the FITS column name. If the column is named 'FOR' or 'BEGIN', then you are sunk?

Craig

--

Craig B. Markwardt, Ph.D. EMAIL: craigmnet@cow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response

Subject: Re: create_struct problem

Posted by [Wayne Landsman](#) on Wed, 05 Mar 2003 14:34:36 GMT

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>

> This new tag-name prohibition might have subtle effects. For example,
> I think MRDFITS reads a FITS table into a structure with fields named
> according to the FITS column name. If the column is named 'FOR' or
> 'BEGIN', then you are sunk?

MRDFITS checks that the table name is not one of 35 reserved IDL names. If it is, then a '_' is prepended to the structure name tag (e.g. "_CASE"). If I remember correctly, the names that caused the most problems were the comparison operators (e.g. 'LE') which were the most likely to be a FITS table column name.

--Wayne Landsman
