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:
>
>> 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. :-)
Ouch!
Why is such a change not announced a version before.
But it is not as bad as i thougt 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:

>

>> 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. :-)

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?

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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 View Forum Message <> Reply to Message

>

- > 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