Subject: Re: idl5.3 create\_struct()
Posted by R.Bauer on Wed, 05 Jan 2000 08:00:00 GMT

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Liam Gumley wrote:
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>

- > "R.Bauer" wrote:
- >> I was very surprised and afraid this morning about the definition
- >> changes of possible signs on tagname definitions.

>>

- >> The only non\_alphanumeric signs which are allowed in the new version is
- >> '\$' and ' '.
- >> The '!' sign is only defined for the first place.

>>

- >> a=create\_struct('test@core',1)
- >> % CREATE\_STRUCT: Illegal tag name: test@core.
- >> % Execution halted at: \$MAIN\$

>>

- >> I have had no information about such changes I don't found any hint's in
- >> the what's new topics.

>

- > I noticed the same thing in the IDL 5.3 beta release in September 1999.
- > RSI technical support told me this was a \*bug\* in IDL prior to version
- > 5.3. According to the IDL documentation, structure tag names must
- > conform to the same rules as variable names. As far back as IDL 5.1,
- > this was documented in 'Building IDL Applications/Structures/Creating
- > and Defining Structures':

>

- > "Structure names and tag names follow the rules of IDL identifiers: they
- > must begin with a letter; following characters can be letters, digits,
- > or the underscore or dollar sign characters; and case is ignored."

I am hoping that's there is a bug in the description because I am using very often

the '!' sign in the first place.

IDL> a=create\_struct('!global','test')

IDL> help,a,/str

\*\* Structure <1354968>, 1 tags, length=8, refs=1:

!GLOBAL STRING 'test'

I need this sign to separate user definition from system definitions.

## R.Bauer

## File Attachments

1) R.Bauer.vcf, downloaded 91 times

Subject: Re: idl5.3 create\_struct() Posted by Craig Markwardt on Wed, 05 Jan 2000 08:00:00 GMT

View Forum Message <> Reply to Message Liam Gumley <Liam.Gumley@ssec.wisc.edu> writes: > "R.Bauer" wrote: >> I was very surprised and afraid this morning about the definition >> changes of possible signs on tagname definitions. >> >> The only non alphanumeric signs which are allowed in the new version is >> '\$' and '\_'. >> The '!' sign is only defined for the first place. >> >> a=create\_struct('test@core',1) >> % CREATE\_STRUCT: Illegal tag name: test@core. >> % Execution halted at: \$MAIN\$ >> >> I have had no information about such changes I don't found any hint's in >> the what's new topics. > > I noticed the same thing in the IDL 5.3 beta release in September 1999. > RSI technical support told me this was a \*bug\* in IDL prior to version > 5.3. According to the IDL documentation, structure tag names must > conform to the same rules as variable names. As far back as IDL 5.1, > this was documented in 'Building IDL Applications/Structures/Creating > and Defining Structures': It's pretty funny too. Try these with an older version of IDL:  $a = create_struct('(1)', 1)$ a = create struct('1', 1)a = create\_struct('.', 1) That's just not right. Pretty cool though. Craig Craig B. Markwardt, Ph.D. EMAIL: craigmnet@cow.physics.wisc.edu Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response

Subject: Re: idl5.3 create\_struct()

Posted by Liam E. Gumley on Wed, 05 Jan 2000 08:00:00 GMT

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"R.Bauer" wrote:

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"Structure names and tag names follow the rules of IDL identifiers: they must begin with a letter; following characters can be letters, digits, or the underscore or dollar sign characters; and case is ignored."

Prior to IDL 5.3, create\_struct() did not check for legal tag names. In IDL 5.3, it does.

Cheers, Liam.

--

Liam E. Gumley
Space Science and Engineering Center, UW-Madison
http://cimss.ssec.wisc.edu/~gumley