
Subject: Re: the type parser
Posted by [R.Bauer](#) on Wed, 15 Jun 2005 09:36:27 GMT
[View Forum Message](#) <> [Reply to Message](#)

Dear all

just again a question on this

I have recognized that it is easier to do nothing

```
plot,['1.2','1.3','1.4'],['1.2','1.3','1.4']
```

I wonder a little bit about this but it seems to go right. By this the routine who is called will set the type.

```
IDL> a='1.23'  
IDL> print,a+0.1  
1.33000
```

```
IDL> b='99.99'  
IDL> print,b gt 100  
0
```

What else should be checked?

cheers

Reimar

Reimar Bauer wrote:

> m_schellens@hotmail.com wrote:

>

>> IDL scans the strings.

>> Its not really difficult but due to the many ways constants can be
>> defined

>> in IDL it gets a little bit complicated.

>> Here is the relevant GDL

>> (<http://sourceforge.net/projects/gnudatalanguage>)

>> code (in antlr, <http://www.antlr.org>) wich is 100% compatible to IDL.

>> The assignment to `_ttype` sets the determined type.

>> If you translate this into IDL you got what you need.

>> HDH,

>> marc

>>

>>
>
> Thanks,
>
> cheers
> Reimar
>

--
Reimar Bauer

Institut fuer Stratosphaerische Chemie (ICG-I)
Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de

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

=====