
Subject: Re: histogram and UINT

Posted by [Kenneth P. Bowman](#) on Wed, 17 Mar 2010 23:58:48 GMT

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In article <hnrj7g\$hqh\$1@speranza.aioe.org>,
mgalloy <mgalloy@gmail.com> wrote:

```
> On 3/17/10 12:36 PM, Kenneth P. Bowman wrote:
>> I did notice that with IDL 7.1.1 on Mac OS X, using the U suffix
>> creates a ULONG, not a UINT. This clearly contradicts the documentation.
>>
>> IDL> help, 65U, 65US
>> <Expression>   ULONG   =      65
>> <Expression>   UINT    =      65
>>
>> You have to use US to create a UINT.
>>
>> Ken Bowman
>
> That is not what I get:
>
> IDL> help, 65u
> <Expression>   UINT    =      65
>
> Do you have "compile_opt defint32" in a startup file?
>
> Mike
```

Hmm.

This part of the docs

IDL Programmer's Guides - Defining and Using Constants - Integer Constants

implies that U and US are identical.

OTOH, the table in the DEFINT section implies that the constant 42U does not include a type specifier.

Huh?

There may be a good reason for this syntactical subtlety (aka "a really obscure feature"), but ITTVIS REALLY needs to make this clearer in the docs.

Ken
