
Subject: Re: the type parser

Posted by [marc schellens\[1\]](#) on Wed, 15 Jun 2005 19:01:25 GMT

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Thats a different issue:

In an *expression*, IDL always converts the lower to the higher type in this order:

STRING<BYTE<(INT|UINT)<(LONG|ULONG)<(LONG64|ULONG64)<FLOAT
<DOUBLE<COMPLEX<COMPLEXDBL

before evaluation.

Before we were taking about reading a string and determining the type (for storing it appropriately).

Note that for proper conversion one of the types has to have the proper type beforehand:

```
IDL> print,'1.23' gt '2e-10'
```

```
0
```

```
IDL> print,1.23 gt 2e-10
```

```
1
```

but:

```
IDL> print,1 gt '2e-10'
```

```
0
```

Cheers,

marc
