
Subject: Obtaining exponent from a scientific format number
Posted by [jicicuendez](#) on Wed, 17 Apr 2002 14:01:09 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi all,

I have a problem and I am looking for a faster solution:

I have a scientific formatted number (e.g. 6.8977653e-18) and I have to split the exponent and number into two parts like this:

long:68977653

exp:-25

where the first factor has to be a long number and the second the exponent.

The exponential factors can also change.

The solution I came up is to turn the number into strings and then `byte(mystring)`, obtaining the position of '.' and 'e' and then back to numbers. This seems to be quite slow and since I have a large number of data I don't think is very efficient.

Thank you very much in advance, I would appreciate any hints.

Juan
