Subject: Obtaining exponent from a scientific format number
Posted by jicicuendez on Wed, 17 Apr 2002 14:01:09 GMT

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 algo 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