

Re: Numeric valication

Source:

<http://www.tech-archive.net/Archive/Scripting/microsoft.public.scripting.jscript/2006-04/msg00184.html>

- *From:* "Trevor L." <Trevor_L.@Canberra>
 - *Date:* Wed, 19 Apr 2006 11:07:58 +1000
-

My reply at end

Dr John Stockton wrote:

JRS: In article <uvz6RRqYGHA.4060@xxxxxxxxxxxxxxxxxxxxxxxx>, dated Tue, 18 Apr 2006 14:55:28 remote, seen in news:microsoft.public.scripting.jscript t, Trevor L. <Trevor_L.?@Canberra.?> posted :

This is a topic I have just started to learn, and it should work quite well here if you get the syntax correct

I thought this might work
if (/^\-?[0-9]|\.\?.test(vartotest)) == true

Before learning RegExps, one should learn Booleans. Part '== true' is not necessary (and your final parenthesis should be at the end).

Moreover, the RegExp is wrong; it accepts any string EITHER containing a minus followed by a digit OR containing a dot which might not be there – in other words, AFAICS, *anything* apart from an undefined vartotest (vartotest defined, but with value undefined, passes OK).

Thanks, John

I can see the error in the if statement

It should be
if (condition)
OR
if (condition == true)

It wasn't so much that I didn't understand booleans. I knew that "== true" was redundant – I put it there for clarity.
My error was that I misplaced the ')'

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I will plead having an old day as my excuse. My JS knowldege is not extensive (about 15 months worth, all picked up form the net) but as an ex-programmer, I should have known/remebered enough to place the ')' correctly ;-))

And thanks for pointing out the error in the regexp

So I guesss I shoud have written:

```
/^-\?[0-9]\.?/
```

BUT AFAICS, this accepts any string containing a leading minus which might not be there, followed by a digit AND followed by a dot which might not be there

However, the dot is in the wrong position.

So to further my knowledge of regexps, I will study your examples further.

Is this the correct interpratation of your OK1 = `/^-\?d+(\.\d+)?$/`.test(S) any string which commences with a minus which might not be there, followed by a digit 1 or more times, followed by a single dot and a digit 1 or more times both of which might not be there but which must be at the end of the string.

I take it that "compatible with IUPAP/SUNAMCO" means that this is some standard definition of a number.

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Cheers,

Trevor L.

Website: <http://tandcl.homemail.com.auhanks>,

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