Subject: Re: something like perl's 'require 5.4' Posted by John-David T. Smith on Tue, 17 Apr 2001 18:45:38 GMT View Forum Message <> Reply to Message

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Craig Markwardt wrote:
> Vapuser <vapuser@catspaw.ipl.nasa.gov> writes:
    How about:
>>
     version=strupcase(strjoin(strsplit(!version.release,'[.- ]', /extract), ""))
>>
     input_version=strupcase(strjoin(strsplit(desired_release, '[. -_]', /extract), ""))
>>
    if version It input version then 'eeek'
>>
    Clearly 'desired_release' would have to be input as a string.
>>
>>
>>
    Of couse, this method 'requires' IDL 5.3 (IIRC), to get the regular
    expression semantics of strsplit. The other question is will RSI use
    any separator in version designations besides these three?
> Umm, I never thought I'd be saying this, but aren't these a bit
> overengineered? I have found that in 95% of the cases the DOUBLE
> compare will work, and in 4% of the cases the STRING compare will
> work.
*cough*
<REITERATE>
IDL> print, double('5.4.1') gt 5.4
</REITERATE>
So I guess what you really you mean that in 95% of cases you don't care
about the (possible) last digit on the version number. This is fine.
just say so. Here's a good example of when that last digit matters,
from the "What's New in IDL 5.2.1":
The lib/compat directory containing the following obsolete date/time
routines which are not Y2K compliant has been removed from the IDL
distribution.
<SNIP>
REBIN Function Data Types Added:
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The REBIN function now accepts 16-bit unsigned, 32-bit unsigned long, 64-bit long, or 64-bit unsigned long integer data types.
<snip></snip>
HISTOGRAM Function Error with BINSIZE Set Fixed:
The HISTOGRAM function error resulting when the BINSIZE keyword is set has been fixed in this release
>>>> >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>
I like your even simpler string compare method, but this one just doesn't work as advertised.
JD