
Subject: Re: executing a string in VM without using 'EXECUTE'

Posted by [Maarten\[1\]](#) on Fri, 06 Oct 2006 09:40:30 GMT

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gav wrote:

> There is probably a simple solution to this but I can't find it: I
> want to execute the string below in VM, without using (can't use) the
> 'EXECUTE' command. Any ideas / code etc greatfully received.
>
> com='speci=where('+formula+',speccount)';write executable
> string
> t=execute(com);execute string
>
> the 'formula' is "(mr(*,*159) le 8 or mr(*,*170) gt mr(*,*159)
> or mr(*,*235) gt mr(*,*159))"

extract constants in the array indexing, and the limits with the strmid/stregex functions. Turn them into variables, and build the equation that way. Something like this:

```
b = stregex(formula,  
'([0-9]+)[^0-9]+([0-9]+)[^0-9]+([0-9]+)[^0-9]+([0-9]+)[^0-9]+([0-9]+)[^0-9]+([0-9]+)',  
/extract, /sub)  
speci=where(mr[*,*long(b[1])] le long(b[2]) or mr[*,*long(b[3])] gt  
mr[*,*long(b[4])] or mr[*,*long(b[5])] gt mr[*,*long(b[6])],  
speccount)
```

That is , assuming the structure of the formula remains the same, only the values change. If you want something more general, you have to explain where teh string comes from.

Maarten
