
Subject: Re: Can a script tell if it is running in the VM?

Posted by [tam](#) on Fri, 15 Apr 2005 19:00:17 GMT

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Wayne Landsman wrote:

```
>>
>> Is there some easy, and safe for IDL 5.x, way to check if
>> one is in the VM environment? It seems like there should
>> be a system variable that indicates the environment
>> but I didn't see it mentioned in the documentation I've seen.
>
>
> You can use the lmgr() function, e.g. lmgr(/VM) returns 1 if the current
> session is using a VM license, and there are many other options.
>
> I am a little confused about the reference to IDL 5.x though, since I
> thought the VM wasn't introduced until V6.0. (So if you are running
> V5.x then you know it is not a VM license...) --Wayne
>
```

Thanks,

This code will be run by users in older versions of IDL and also by users who are using the VM, so I need to be careful that I won't get compilation/run errors in the older version. That's caused problems in the past when trying to make a new capability conditionally available.

So the safe construct is:

```
if !version.release ge '6' then begin
  if (lmgr(/vm) eq 1) then begin
    print, "In the VM"
  endif
endif
```

but

```
if !version.release ge '6' and lmgr(/vm) then begin
  ... will fail
```

Now that you point this out, I can see this kind of guard being using in mrd_struct.

Regards,

Tom
