
Subject: Re: for loop with floating point index variable
Posted by [Heinz Stege](#) on Mon, 03 Dec 2012 21:34:06 GMT
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On Mon, 3 Dec 2012 12:42:50 -0800 (PST), fawltylanguage@gmail.com wrote:

```
> Hi guys,  
>  
> can someone explain this?  
>  
> IDL> print, !version  
> { x86_64 linux unix linux 8.2.1 Aug 20 2012      64      64}  
> IDL> for i=1.0,3.5 do print, i  
>     1.00000  
>     2.00000  
>     3.00000  
>     4.00000  
>  
> IDL 7.0 is better:  
>  
> IDL> print, !version  
> { x86_64 linux unix linux 7.0 Oct 25 2007      64      64}  
> IDL> for i=1.0,3.5 do print, i  
>     1.00000  
>     2.00000  
>     3.00000  
>  
> regards,  
> Lajos
```

Same on Windows. However version 8 also works, if you explicitly specify the increment value:

```
IDL> print,!version  
{ x86 Win32 Windows Microsoft Windows 8.0.1 Oct  5 2010      32  
64}  
IDL> for i=1.0,3.5,1.0 do print,i  
     1.00000  
     2.00000  
     3.00000
```

Can anyone explain this?

Cheers, Heinz
