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Subject: Re: fix(4.70\*100) is... 469

Posted by [Paolo Grigis](#) on Thu, 19 Apr 2007 08:13:53 GMT

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b\_efremova@yahoo.com wrote:

```
> Hi Guys,  
> There's something I can not explain to myself, so maybe someone can  
> enlighten me?  
> print,fix(4.70*100)  
> 469  
> and also:  
> print,string(4.70*100,format='(i3)')  
> 469  
>  
>  
> While, everything else that came into my head to try was OK like:  
> print,fix(5.70*100)  
> 570  
> print,fix(3.70*100)  
> 370  
> print,fix(4.60*100)  
> 460  
> print,string(4.60*100,format='(i3)')  
> 460  
> ...  
> etc..  
>  
> Thanks in advance!  
> Cheers.  
> Boryana  
>
```

Personally, I think "fix" should be used with some care, because the documentation is a bit vague on how the conversion to integer type is done, and the result does depend on the input type. For numerical values, I think that usage of "round", "ceil" or "floor" is safer (but be aware that they produce long integers if the input is large enough, but this is mostly what you want anyway).

Ciao,  
Paolo

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