

AOZ Studio Beta - Bug #244

For/Next not working with negative step when defined with variables

02/21/2020 01:54 PM - David Baldwin

Status:	Closed	Start date:	02/21/2020
Priority:	Normal	Due date:	
Assignee:	Francois Lionet	% Done:	0%
Category:		Estimated time:	0:00 hour
Target version:	0.9.5		
Affected version:	0.9.5		

Description

For/Next not working with negative step when defined with variables.

Example:-

```
#manifest:"pc"  
#fullScreen:true  
#fps:false  
#splashScreen:false
```

Ink 1

```
For_Loop_Start=0  
For_Loop_End=1  
For_Loop_Step#=0.02  
Count=0
```

Gosub Tester

```
Text 20,100,"Test One - Step Forward - Step Count:"+Str$(Count)
```

```
For_Loop_Start=1  
For_Loop_End=0  
For_Loop_Step#=-0.02  
Count=0
```

Gosub Tester

```
Text 20,200,"Test Two - Step Backward - Step Count:"+Str$(Count)
```

End

```
Tester:  
For F#=For_Loop_Start to For_Loop_End Step For_Loop_Step#  
Inc Count  
Wait Vbl  
Next F#  
Return
```

History

#1 - 02/21/2020 02:03 PM - David Baldwin

Just checked the code and some bits missing,

```
#manifest:"pc"  
#fullScreen:true  
#fps:false  
#splashScreen:false
```

Ink 1

```
For_Loop_Start=0
```

```
For_Loop_End=1
For_Loop_Step#=0.02
Count=0

Gosub Tester

Text 20,100,"Test One - Step Forward - Step Count:"+Str$(Count)

For_Loop_Start=1
For_Loop_End=0
For_Loop_Step#=-0.02
Count=0

Gosub Tester

Text 20,200,"Test Two - Step Backward - Step Count:"+Str$(Count)

End

Tester:
For F#=For_Loop_Start to For_Loop_End Step For_Loop_Step#
Inc Count
Wait Vbl
Next F#
Return
```

#2 - 02/21/2020 05:58 PM - Francois Lionet

- *Target version set to 0.9.5*

Fixed, and added the tag #checkForNextLoops

#3 - 02/21/2020 06:12 PM - Francois Lionet

- *Status changed from New to Resolved*

Fixed, and added the tag #checkForNextLoops in the process...

#4 - 03/07/2020 03:09 PM - Baptiste Pillot

- *Description updated*

- *Status changed from Resolved to Closed*

- source : <https://www.amos2.fr/ide/Amos2/Ide/Program/491>
- run : <https://www.amos2.fr/run/tickleman/244>
- result :

```
Test One - Step Forward - Step Count: 50
Test Two - Step Backward - Step Count: 50
```

Ok.