

AOZ Studio Beta - Bug #79

Val function only converts integer portion of string.

01/25/2020 01:35 AM - Anonymous

Status:	Closed	Start date:	01/25/2020
Priority:	Normal	Due date:	
Assignee:	Brian Flanagan	% Done:	0%
Category:		Estimated time:	0:00 hour
Target version:	0.9.4		
Affected version:	0.9.8.1		
Description			
Example: (all return integers)			
<pre>X\$="1234.56" Y\$="-234.56" Print Val(X\$), Val(Y\$) ' Should print: 1234.56 -234.56 Vx=Val(X\$):Vx#=Val(X\$) Print Vx,Vx# ' Should print 1234 1234.56 Vy=Val(Y\$):Vy#=Val(Y\$) Print Vy,Vy# ' Should print -234 -234.56</pre>			

History

#1 - 01/25/2020 01:37 AM - Brian Flanagan

Oops! Forgot to login again: Brian Flanagan

#2 - 01/27/2020 08:42 PM - Baptiste Pillot

- Description updated

- Assignee set to Francois Lionet

- source : <https://www.amos2.fr/ide/Amos2/Ide/Program/449>
- run : <https://www.amos2.fr/run/tickleman/79/>
- output :

```
1234    -234
1234    1234
-234    -234
```

- expected :

```
1234.56 -234
1234    1234.56
-234    -234.56
```

#3 - 02/03/2020 06:14 PM - Francois Lionet

- File Annotation 2020-02-03 191342.png added

- Status changed from New to Resolved

- Target version set to 0.9.4

Corrected!

#4 - 02/28/2020 03:28 PM - Brian Flanagan

- Status changed from Resolved to Feedback

Tested in 0.9.5.1 Partially working.

The third example works wrong with integers.

It is rounding instead of taking the integer portion.

It should return -234 vs. -235

#5 - 04/19/2020 10:58 PM - Brian Flanagan

- Affected version changed from 0.9.3.1 to 0.9.8.1

re-tested in 0.9.8.1 Example 3 still fails.
First value should be an integer, but was rounded up.

Example 3:

```
X$="1234.56"  
Y$="-234.56"  
Vy=Val(Y$):Vy#=Val(Y$)  
Print Vy,Vy# ' Should print -234 -234.56
```

Result *should* be:

```
-234 -234.56
```

Instead, I get:

```
-235 -234.56
```

#6 - 09/05/2020 02:15 PM - Brian Flanagan

- Status changed from Feedback to In Progress

- Assignee changed from Francois Lionet to Brian Flanagan

I know what needs to change for the one remaining function that is failing.

Vy=Val(Y\$) is being converted to an integer using floor(). That's Ok for positive numbers only.

Negative numbers should use ceil() instead.

#7 - 09/07/2020 08:21 AM - Brian Flanagan

- Status changed from In Progress to Resolved

Fixed the last part of this that wasn't working.
Corrected this same issue in several places in the code.

#8 - 10/04/2020 12:06 PM - Brian Flanagan

- Status changed from Resolved to Closed

Working in Beta RC3!

Files

Annotation 2020-02-03 191342.png	8.38 KB	02/03/2020	Francois Lionet
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