

AOZ Studio Beta - Bug #579

Divide by 0 error incorrectly returns NaN. Instead, it should return a divide by 0 error so On Error will work.

11/17/2020 12:19 PM - Brian Flanagan

Status:	Feedback	Start date:	11/17/2020
Priority:	Normal	Due date:	
Assignee:	Francois Lionet	% Done:	0%
Category:		Estimated time:	1:00 hour
Target version:			
Affected version:	1.0.0 (B15)		
Description			
It should, instead, cause a runtime error, with a proper divide by 0 error displayed.			

History

#1 - 11/17/2020 12:20 PM - Brian Flanagan

- Priority changed from Normal to High

#2 - 11/17/2020 03:04 PM - Francois Lionet

- Status changed from New to Feedback

- Assignee set to Francois Lionet

- Priority changed from High to Normal

- Target version set to Beta 1

I cannot make it crash... "Infinity" IS a number in Javascript. Please provide an example of source code that does it so that I can prevent it from crashing.

It is impossible to detect division by zero in a simple manner, implementing a protection would slow down every expression.

#3 - 11/18/2020 08:28 AM - Brian Flanagan

I don't understand what is complex about determining if the divisor is 0.

Sample code:

```
X=5/0  
Print X
```

result:

NaN

#4 - 06/17/2022 06:11 AM - Brian Flanagan

- Subject changed from Divide by 0 error incorrectly returns a STRING "Infinity"... which causes a NaN error. to Divide by 0 error incorrectly returns NaN. Instead, it should return a divide by 0 error so On Error will work.

- Target version deleted (Beta 1)

- Affected version changed from Beta 1 to 1.0.0 (B15)

The problem is that this should return a proper ERRN and ERR\$. This is required for On Error or other error handling to work properly.