

AOZ Studio Beta - Bug #322

True and false not always treated as numeric constants (UPDATED). Also, not all boolean expressions are parsed properly.

03/27/2020 01:33 AM - Brian Flanagan

Status:	Closed	Start date:	03/27/2020
Priority:	Normal	Due date:	
Assignee:	Francois Lionet	% Done:	0%
Category:		Estimated time:	0:00 hour
Target version:	0.9.8.1		
Affected version:	0.9.7		
Description			
Example: (Assuming a PC manifest where True = 1)			
<pre>Print True,True=1,Str\$(True) Print False,False=1,Str\$(False) X=True : Y=X+1 : Z=X+2 Print X,Y,Z</pre>			
Result: (Note the NON-NUMERIC results, and that the boolean operation in the middle is NOT parsed!) <i>Note also that the only correct results are the 2 and 3 in the third row.</i>			
<pre>true true 1 true false false 0 false true 2 3</pre>			
Result should be (with PC manifest):			
<pre>1 1 1 0 0 0 1 2 3</pre>			
Result should be (with Amiga manifest):			
<pre>-1 0 -1 0 0 0 -1 0 1</pre>			

History

#1 - 04/16/2020 04:43 AM - Francois Lionet

- Status changed from New to Resolved
- Assignee set to Francois Lionet
- Target version set to 0.9.8.1

OK. Fixed. I was reluctant to do this because in Javascript, "True" is not the same as "1". It is a type of its own, and I feared it would mess up comparisons that solve to if (1 == true), but I have checked and it seems to work, in PC mode it is OK.

What is more problematic is in Amiga mode, if you do if (-1 == true) (the -1 being returned by another expression, understand that here I am talking about the FINAL comparison after the solving of a long one), it will not work. Yet, this might never happen as I see no cause for it to happen (complex to explain), but by following your advice Brian, I might have open a can of worms!

Be sure I will be ready to transfer the blame on you if this happens! ;)

#2 - 04/19/2020 09:04 PM - Brian Flanagan

LOL! OK. Make me the scapegoat if something else breaks. ;-)
That's why I gave you examples for what the results should be in *either* manifest.

Thank you!

#3 - 04/19/2020 09:05 PM - Brian Flanagan

- Status changed from Resolved to Closed

Oops. Forgot to close the issue! Working in 0.9.8.1