

## AOZ Studio Beta - Bug #959

### Boolean function results are not working on If statement.

12/03/2022 06:34 PM - Brian Flanagan

<b>Status:</b>	New	<b>Start date:</b>	12/03/2022
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>	AOZ Developers	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0:00 hour
<b>Target version:</b>	none		
<b>Affected version:</b>	1.0.0 (B16) u27		

#### Description

Example:

```
Function CantMoveDown
End Function(True)
```

```
// This code fails
Procedure MoveDown
  Print CantMoveDown
  If CantMoveDown
    Say "cannot"
  End If
  If Not CantMoveDown
    Say "can"
  End If
End Procedure
```

```
/*
// This code works
Procedure MoveDown
  Print CantMoveDown
  If (CantMoveDown=True)
    Say "cannot"
  End If
  If Not (CantMoveDown=True)
    Say "can"
  End If
End Procedure
*/
```

```
Print "Waiting..."
Do
  Wait Key
  MoveDown
  If Upper$(Inkey$)="Q" Then Exit
Loop
End
```

If you comment the first procedure version, and uncomment the second, you'll find that if you *explicitly* check the value of true or false, it works, but apparently the If statement does not evaluate the value of a simple boolean result properly.

This was tested using the newest source from .git as of 11/27.

#### History

##### #1 - 12/03/2022 06:36 PM - Brian Flanagan

Note also that **Print** evaluates the result properly. **If** is the problem.

##### #2 - 12/03/2022 06:44 PM - Brian Flanagan

- Priority changed from Normal to High

#3 - 01/19/2023 06:27 AM - Francois Lionet

Fixed! Bad bug in the transpiler.