AOZ Studio Beta - Bug #399

Gosub and Goto using variable fails (integer or string)

06/27/2020 01:13 AM - Brian Flanagan

Status:	Closed		**Start date:**	06/27/2020
Priority:	High		**Due date:**	
Assignee:	Francois Lionet		**% Done:**	0%
Category:			**Estimated time:**	2:00 hours
Target version:	Beta RC4			
Affected version:	Beta RC2			

Description

Gosub using variable fails. (related to bug #28)
The result is a syntax error.

```
#manifest: "pc"
#splashScreen: false
#speed: "safe"
#fps: false

X=20

Gosub X

End

20 Print "line 20"
Return
```

This also fails when using labels:

```
#manifest: "pc"
#splashScreen: false
#speed: "safe"
#fps: false

X=20
X$="MyLabel"
Gosub X$
End

MyLabel:
Print "My Label"
Return
```

NOTE: In both cases, you can work around this bug by putting the expression within parentheses, but this should NOT be required. Any valid expression should be allowed.
NOTE2: This was also a bug in AMOOS Pro (for numerics). String expressions weren't a problem in AMOS Pro (but they are in AOZ!).

Here's the syntax description from the manual... as it *should* be:

GOSUB
structure: jump to a sub-routine
Gosub label
Gosub number
Gosub expression

NOTE that there are NO parentheses in the syntax!
NOTE also that string labels are NOT case-sensitive!

History

#1 - 06/27/2020 04:26 PM - Brian Flanagan

- Affected version changed from 0.9.9.2 to 0.9.9.3

Corrected affected version.

#2 - 09/14/2020 12:52 PM - Laurant Weill

- Priority changed from Normal to High

#3 - 09/19/2020 08:22 AM - Brian Flanagan

- Estimated time set to 2:00 h

- Affected version changed from 0.9.9.3 to Beta RC2

Re-tested in Beta RC2. Both examples still fail.

#4 - 10/07/2020 08:57 AM - Francois Lionet

- Status changed from New to Resolved

- Assignee set to Francois Lionet

- Target version set to Beta RC4

Fixed!

#5 - 10/09/2020 02:12 PM - Brian Flanagan

- Status changed from Resolved to Closed

Works with 9 Oct updates!