

## AOZ Studio Beta - Bug #400

### Un-referenced line numbers sometimes cause Gosub to fail.

06/27/2020 03:06 AM - Brian Flanagan

<b>Status:</b>	New	<b>Start date:</b>	06/27/2020
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Francois Lionet	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	1:00 hour
<b>Target version:</b>			
<b>Affected version:</b>	Beta RC2		

#### Description

Example:

```
#manifest: "pc"
```

```
#splashScreen: false
```

```
#speed: "safe"
```

```
#fps: false
```

```
Gosub 20 ' This program freezes (and produces no output) if line 5 exists, but is not referenced.  
        ' If you comment line 5, both Gosubs (20 & 15) work.
```

```
Gosub 15
```

```
' Gosub 5 ' If you UN-comment this line, and leave line 5 active, then all 3 Gosubs will work.
```

```
End
```

```
5 Print "Line 5"
```

```
Return
```

```
15 Print "Line 15"
```

```
Return
```

```
20 Print "Line 20"
```

```
Return
```

NOTE: It doesn't have to be an un-referenced Gosub... but instead, ANY un-referenced line number.

NOTE ALSO: If the un-referenced line appears AFTER lines 10, 15, and 20, this is NOT a problem.

AND: If the un-referenced line appears before ANY of lines 10, 15, and 20, the program will fail.

#### HERE IS THE KEY TO SOLVING THE PROBLEM:

If an un-referenced line number appears before a referenced subroutine, the program will fail.

If you add a reference to the un-referenced line, OR you comment the un-referenced line, this will work-around the problem.

An un-referenced line number should be a WARNING only, and should NOT cause the code to fail.

#### History

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

- Affected version changed from 0.9.9.2 to 0.9.9.3

##### #2 - 09/14/2020 05:50 PM - Brian Flanagan

- Assignee set to Francois Lionet

- Estimated time set to 1:00 h

- Affected version changed from 0.9.9.3 to Beta RC2

One other thing I noticed is that the comments that normally appear before a line in application.js did not appear for the un-referenced line