

# AOZ Studio Beta - Bug #175

## KEY STATE

02/11/2020 03:48 PM - Truls Osmundsen

<b>Status:</b>	Closed	<b>Start date:</b>	02/11/2020
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Francois Lionet	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0:00 hour
<b>Target version:</b>	0.9.5		
<b>Affected version:</b>	0.9.5		
<b>Description</b>			
KEY STATE doesnt work as in the Amiga-days. Inkey\$ gets the pressed key from the keybuffer. Key State checks if the key is pressed (so that you kan hold a key down and still get checked).  Key State doesnt give True as expected.			

## History

### #1 - 02/22/2020 05:39 AM - Francois Lionet

- Status changed from New to Feedback
- Target version set to 0.9.5

Can you provide an example? Can you send me a .AMOS application that I will run on in WinUAE and AOZ at the same time? You do not say enough information for me to do anything...  
thanks.

### #2 - 02/22/2020 10:12 AM - Brian Flanagan

- Affected version changed from 0.9.4 to 0.9.5

The key state should return True if the key identified by the specified scan code is currently held down. It will continue to return True until that key is released. It will check the state of ANY key, including Ctrl, Shift, etc.  
NOTE: It can also detect many keys held down at the same time.  
NOTE: Some keys may produce more than one key state.

Note the related bug [#113](#) (Scancode is returning the wrong scan codes.), so this will also adversely affect the results until that is fixed.

Here's an example:

```
Do
  For SC=0 To 127
    If Key State(SC)=True Then Print SC
  Next SC
Loop
```

Some sample results should be:

```
ESC, HELP
should return: 69, 95
```

```
LEFT SHIFT, RIGHT SHIFT
should return 96, 97
```

```
RETURN, KEYPAD RETURN
should return 69, 67
```

```
Left Windows (Left Amiga)
should return 102
```

```
F1 F2 F3 F4 F5 F6 F7 F8 F9 F10
should return 80 81 82 83 84 85 86 87 88 89 (some PCs will take control of these)
```

```
1 2 3 4 5 6 7 8 9 0 - = (top row of keys [partial])
should return 1 2 3 4 5 6 7 8 9 10 11 12.
```

```
q w e r t y u i o p [ ] (next row of keys [partial])  
should return 16 17 18 19 20 21 22 23 24 25 26 27
```

```
a s d f g h j k l ; - (third row [partial])  
should return 32 33 34 35 36 37 38 39 40 41
```

Note: Changed affected version from 0.9.4 to 0.9.5, since it's still broken.

### #3 - 02/27/2020 06:43 PM - Anonymous

In version 0.9.5.1 this is working!

### #4 - 03/07/2020 03:39 PM - Baptiste Pillot

- source : <https://www.amos2.fr/ide/Amos2/Ide/Program/495>
- run : <https://www.amos2.fr/run/tickleman/175>
- 0.9.6 result : If I press any of ESC or LEFT keys : Magician Meditation
- console :

```
Cannot read property 'loChar' of undefined  
aоз.js:418 TypeError: Cannot read property 'loChar' of undefined  
    at Fonts.getAmigaCharacter (fonts.js:440)  
    at Fonts.drawAmigaText (fonts.js:428)  
    at TextWindow.println (textwindow.js:1648)  
    at TextWindow.print (textwindow.js:1282)  
    at Application.blocks.<computed> (application.js:55)  
    at doUpdate (aоз.js:405)
```

### #5 - 03/14/2020 10:29 AM - Truls Osmundsen

- Status changed from Feedback to Closed