

## AOZ Studio Beta - Bug #444

**When pressing a normal key in combination with modifiers. Key Shift is shifted to the left 1 bit (altering ALL the shift states).**

08/07/2020 07:15 PM - Brian Flanagan

|                          |                |                        |            |
|--------------------------|----------------|------------------------|------------|
| <b>Status:</b>           | Closed         | <b>Start date:</b>     | 08/07/2020 |
| <b>Priority:</b>         | Normal         | <b>Due date:</b>       |            |
| <b>Assignee:</b>         | Brian Flanagan | <b>% Done:</b>         | 0%         |
| <b>Category:</b>         |                | <b>Estimated time:</b> | 0:00 hour  |
| <b>Target version:</b>   | 0.9.9.4-r3     |                        |            |
| <b>Affected version:</b> | 0.9.9.4        |                        |            |
| <b>Description</b>       |                |                        |            |

### History

#### #1 - 08/08/2020 08:56 PM - Brian Flanagan

Update: It is only the LEFT modifier keys that get shifted 1 bit. The RIGHT side modifiers are OK.

#### #2 - 08/08/2020 11:59 PM - Brian Flanagan

Update 2: Certain combinations also cause a right bit shift.

Examples:

Right Ctrl & Left Meta (shifts the Right Ctrl right one bit - left meta is unaltered)

Right Ctrl & Left Shift (shifts the Right Ctrl right one bit - left shift is unaltered)

Some shifts also happen on key UP event.

Examples:

After holding Right Ctrl & Left Meta, if Cntrl only is released, Left Meta is shifted left one bit.

After holding Right Ctrl & Left Alt, if Alt only is released, Right Ctrl is shifted right one bit.

#### #3 - 08/09/2020 12:09 AM - Brian Flanagan

Also, though Alt is not returned by itself, it is returned when another key is pressed.

Example:

Holding the down arrow, with Right Alt returns Right Alt.

Holding the down arrow, with Left Alt also returns Right Alt.

Other shifts occur:

Holding the down arrow, with Left Meta, shifts Left Meta left 1 bit.

#### #4 - 08/20/2020 09:10 PM - Brian Flanagan

- Status changed from New to Resolved

- Target version set to 0.9.9.4-r3

This has been corrected. No more bit shifts happening!

#### #5 - 09/03/2020 07:58 PM - Brian Flanagan

- Status changed from Resolved to Closed

Re-tested in 0.9.9.4 RC1. Still works!