

Manually Editing the Key Bindings

The bot's keybindings are located in map.json.

```
{  
  "down": "DOWN",  
  "up": "UP",  
  "left": "LEFT",  
  "right": "RIGHT",  
  "a": "z",  
  "b": "x",  
  "l": "a",  
  "r": "s",  
  "start": "ENTER",  
  "select": "BKSP"  
}
```

A given keybinding is formatted as follows

ALIAS : KEY_CODE

The *ALIAS* is the phrase that a user must send through discord in order to press a button on the host's keyboard.

The *KEY_CODE* is a code that corresponds to a given keyboard button. A list of all valid *KEY_CODE*'s will be provided later.

For example,

If a user types the message "start", the "ENTER" button will be pressed on the host's computer.

If a user types "a" into Discord , the bot will press the "z" key on the host's computer.

To manually create a new keybinding:

```
{
  "down": "DOWN",
  "up": "UP",
  "left": "LEFT",
  "right": "RIGHT",
  "a": "z",
  "b": "x",
  "l": "a",
  "r": "s",
  "start": "ENTER",
  "select": "BKSP",
  "example"
```

Start a new line after the current last key binding, then write out the alias in quotation marks. Make sure that the new key binding is still above the right pointy bracket.

(The bot is not case sensitive, however if you intend to turn case sensitivity on, then make sure your alias is in the right case)

```
{
  "down": "DOWN",
  "up": "UP",
  "left": "LEFT",
  "right": "RIGHT",
  "a": "z",
  "b": "x",
  "l": "a",
  "r": "s",
  "start": "ENTER",
  "select": "BKSP",
  "example": "E"
```

On the same line, type out the KEY_CODE for the key you want to press (in this example, we'll press 'E', whose KEY_CODE also happens to be 'E'.

Separate the Alias and the KEY_CODE with a colon [:]

Finally, add a comma between the new keybinding, and the previous keybinding.

With this new keybinding, typing "example" into a discord message will press the E key on the host's computer.

List of valid KEY CODE's

Any single character

` 1 2 3 4 5 6 7 8 9 0 - -
~ ! @ # \$ % ^ & * () _ +
q w e r t y u i o p [] \
Q W E R T Y U I O P { } |
a s d f g h j k l ; '
A S D F G H J K L : "
z x c v b n m , . /
Z X C V B N M < > ?

Arrow Keys

UP
DOWN
LEFT
RIGHT

Numpad

NUM1
NUM2
NUM3
NUM4
NUM5
NUM6
NUM7
NUM8
NUM9
NUM0
NUM-
NUM+

Navigation Keys

INS
HOME
PGUP
DEL
END
PGDN
PRTSC
SCROLL_LOCK

Function Keys

F1
F2
F3
F4
F5
F6
F7
F8
F9
F10
F11
F12

Other

CTRL
LSHIFT
RSHIFT
BSLASH
BKSP
ENTER
TAB
TILDE
BACKTICK
ALT
SPACEBAR
CAPSLOCK
NUMLOCK

List adapted from https://github.com/andohuman/pyKey/blob/master/pyKey/key_dict.py