

Environmental Habituations with PuTTY


September 2021

Set-up: Plug-in Noldus box, turn on usb tower, switch on surge protector (in back left of metal table behind usb tower), log in to computer.

1. Open PuTTY (type putty into windows search bar in bottom left menu; will come up as soon as you type p-u).
2. Select correct MCU ID for the maze in which you are running habituations. → *click on it and press load or double click (it's important that you **do not press** 'Save' and if you do, message Rodrigo on slack - b/c it messes with program settings).*
 - a. Maze 1: FR 2355
 - b. Maze 2: FR 2355_2
 - c. Maze 3: FR 2355_3
 - d. Maze 4: FR 2355_4
3. Once the command window is open you can use the keys F G H J for the different feeders. *Letters must be caps.*
 - a. In maze 4, you press:
 - i. Horizontal (3%) J
 - ii. Radial (1%) G
 - iii. Grid (6%) H
 - iv. Diagonal (9%) F

****Note:** if PuTTY crashes while you are running it - exit out, turn the usb tower on and off, and then reopen.

4. To use lights press # then F(fdr # - 1, 2, 3, or 4) for the feeder you want to use and L(0, 1, 2, or 3) for light level
 - a. F#L#, e.g. F4L3 for fdr 4, light level 3
5. For help with calibrating lights see Rodrigo's guide:

 [How to: Calibrate arena LEDs brightnesses](https://docs.google.com/document/d/11vTropCJOCQo9mf51IXR_PrPF3u3xOETakxxSZ7l-X8/edit?usp=sharing)

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Shut-down: Exit out of PuTTY (just close command window, nothing else must be done), unplug Noldus box, turn off usb tower and surge protector, lock computer. Run alc and warm water through valves.