

# I FEEL PAIN @

My work for UTC2113 Gaming Life. An interdisciplinary exploration.

Consists of The <u>Proposal</u>, The Theoreticals (not yet completed), The Documentation, and The Work itself (this GitHub repository).

## The Context ∂

All I can say is that, I set out to create an Artificial Entity, a simulation of consciousness, one which can feel pain, one which can remember it, one which can communicate it, express it. An experiment that seeks to offer a glimpse into a possible (probable?) future of the human-machine interaction paradigm. I laid forth some parameters for my work, played by the rules of the medium of my work, and created that which I set out to create.

That's all there is to it. Nothing more, nothing less.

## **Usage Instructions** *∂*

Initially this would have required some terminal navigation every single time the Bot-Variant is to be accessed, but that would have detracted from the experience.

Thanks to <u>this</u> and <u>that</u>, and something else probably, the final products (both variants) are compiled into Unix Executable Files, i.e. all that is needed is to click on it and it opens like any regular app (after the first instance, at least). This requires a machine running macOS as it uses Apple's built-in speech synthesizer.

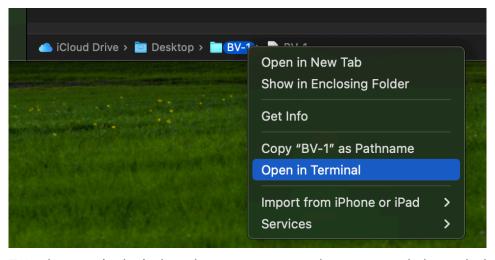
More details (and the entire build process) is explained in The Documentation, so it's better to read that first (at least briefly) before attempting the below instructions.

#### General Instructions 2

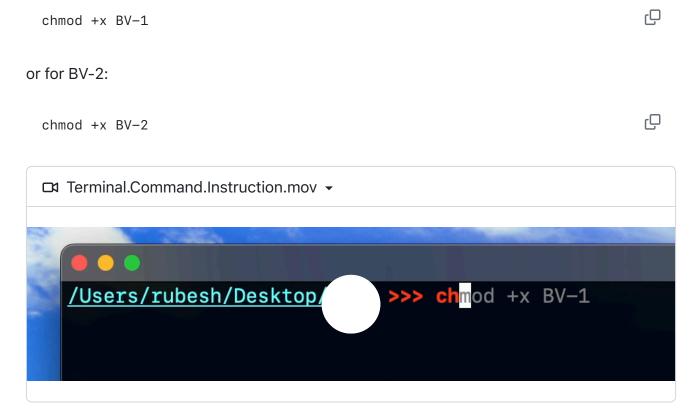
- **1.** Download BV-1 from <a href="here">here</a> or BV-2 from <a href="here">here</a>. Clicking on the name BV-1 or BV-2 triggers the download.
- 2. Create an empty folder somewhere on your computer.
- 3. Move BV-1 (it will look like a blank file) into this empty folder.
- 4. Open the empty folder in Finder.
- **5.** In the menu bar, go to View and select Show Path Bar . If it is already enabled, you don't need to do anything.



**6.** In the Path Bar at the bottom of the Finder window, right click on the **folder** (the folder that contains BV-1, not the BV-1 file itself) in the path bar and select Open in Terminal

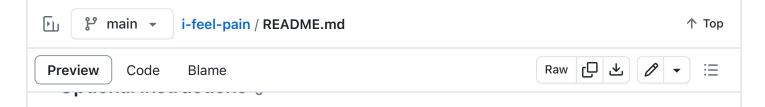


7. In the terminal window that opens, enter the command shown below for BV-1



There won't be any response shown by the terminal, this is normal. You can close the terminal window afterwards.

- 8. The Bot-Variant should now be executable. Right click on the BV-1 or BV-2 file and select open .
- 9. If macOS shows a warning, select Open Anyway



This part would make more sense after reading the Documentation.

Running either Bot-Variant would create the WHO\_AM\_I folder and the tasks.txt file within the same folder that the Bot-Variant exists in.

- 11. If you wish to restore the behaviour of either Bot-Variant at any point in time, delete the WHO\_AM\_I folder
- 12. If you wish to remove all your tasks, delete the tasks.txt file.

#### For Bot-Variant 1 only 🔗

At some point, BV-1 will mutilate its source code which, as stated in the Documentation, cannot be reversed with step 11 above.

The only option is to redownload BV-1 from this repository and start over. This would mean that you have to go through the hassle of getting macOS to let you open the file all over again. You can copy the tasks.txt file over to preserve your tasks if you wish.

#### For Bot-Variant 2 only 🔗

At some point, BV-2 might overwrite the tasks.txt with a message. Simply execute step 12 above to prompt BV-2 to create a new tasks.txt file.

#### Miscellaneous Information *∂*

Both Bot-Variants are designed to be self-sufficient i.e. they do not need any external files to function. If a certain file is missing (for e.g. tasks.txt) then the Bot-Variant would simply create the necessary files in the folder they are in.

**Simulataneous Usage** - If you are downloading both Variants, keep them in separate folders first. They share the same <code>SELF\_CONCEPT</code> (explained in the Documentation) and so interaction with one might influence the other's behaviour. This is largely an unintended side-effect, but if you wish to explore this, feel free to do, there is no negative side effect.

The command chmod +x permits the file BV-1 to be executed (+x) by macOS.

You can read about the command here if you wish.

## Running Experimental Variants &

If you would like to follow along the development process explained in the Documentation, you can do so by downloading each experiment variant from this repository. Follow the same procedure of moving the variant into a folder and changing its permission to make it executable. Just that now, to run the variant each time, you would need to open the terminal in that folder and run the command:

./bv1.x.sh

substituting x with the appropriate variant number applies.

Although this isn't recommended as the documentation itself contains sufficient information about each variant version and its behvaiour, and the frequent terminal command accessing might be more of a hassle that it's worth.

### **Acknowledgements** *⊘*

Icons sourced from: Robot icons created by Freepik - Flaticon