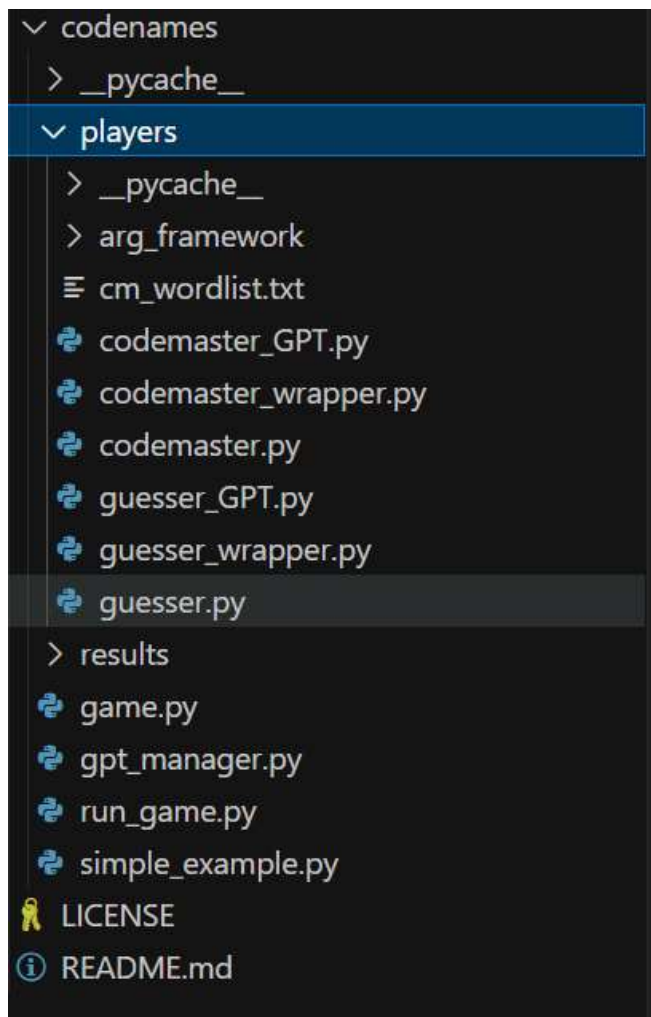


Instructions for Competition Files

cn_comp_files.zip

- Unzip the `cn_comp_files04.zip` file into the `players` folder (Do not unzip them into a `cn_comp_files04` folder)
 - You should see the `codemaster_wrapper.py` and the `guesser_wrapper.py` files in the `players` folder now.
 - You should also see a subfolder called `arg_framework`. (You can ignore the `arg_framework` folder. It contains internal Codenames framework code. The wrapper files allow your code to communicate with this backend.)



ollama download (If not done already)

1. Go to <https://ollama.com/library/gemma3:4b>
2. Hit the download button in the top right corner
 - a. This will download the ollama installer
3. Run the downloaded installer to install Ollama and the model data.
4. After the installer is done, go to your terminal and run the following command:
 - a. `ollama list` (Verify that gemma3 was pulled successfully)
 - b. `ollama run gemma3 &`
5. You can now ensure the model is running with the following command:
 - a. `curl http://localhost:11434`
 - i. If it is not running you will see: `curl: (7) Failed to connect to localhost port 11434: Connection refused`
 - ii. If successful, you will see a JSON response

Running Codemaster and Guesser Bots in the terminal (From the codenames directory)

- Install Python Dependencies:
 - `pip install -r players/arg_framework/requirements.txt`
- The Codemaster Bot
 - `players.codemaster_wrapper.CodemasterWrapper`
- The Guesser Bot
 - `players.guesser_wrapper.GuesserWrapper`

- Example of game with these bots:
 - `python run_game.py players.codemaster_wrapper.CodemasterWrapper`
`players.guesser_wrapper.GuesserWrapper`
`players.codemaster_wrapper.CodemasterWrapper`
`players.guesser_wrapper.GuesserWrapper`
- If running a `single_team` game, then set the kwargs of my codemaster and guesser to be the following:
 - `cmr_kwargs={"version": "single"}`
 - `gr_kwargs={"version": "single"}`
 - If using the terminal:
 - `--cmr_version "single"`
 - `--gr_version "single"`
- If not running a `single_team` game, then the kwargs can be left blank, as the competitive version is its default.