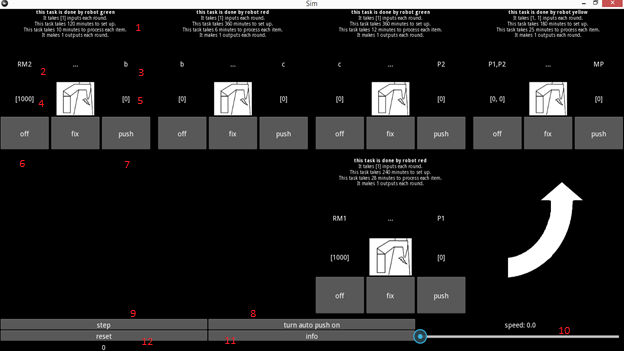
The simulation is currently set up to be in the same form as the OPT Game. The design of the simulated factory can currently only be changed before the program is made into an .exe file. A new factory can be designed without having to do any coding.

To open the simulation

1. Open the simulator file.
2. Open the dist file.
3. Open the simulator file.
4. Double click on simulator.exe

The program will open and look something like this



This screen shows you the whole web of tasks. Items travel through from left to right, until they hit an arrow in which case they follow it up. Each task can be controlled individually from the buttons around it and the whole line can be controlled from the buttons at the bottom.

1. The information about each task is included here.
   1. Which robot the task I done by.
   2. How many inputs it needs for a round of outputs.
   3. How long it takes to set up.
   4. How long it takes to process a set of inputs.
   5. How many outputs is makes a round
2. The input of this task.
3. The output of this task.
4. The input queue.
5. The output queue.
6. To turn the task on or off.
7. To push the items to the next task.
8. To set the items to automatically be pushed.
9. To go forward one time step.
10. Set the speed of auto-stepping. The number is the number of time steps a second.
11. To show a popup of statistics about the different tasks.
12. To reset and start from scratch.

To start simple turn on a robot, the button shows the current state of the robot (6), then either manually step through time using the step button (9) or have it auto step using the slider(10). Keep in mind the tasks have to set up before they start producing items. Once they have begun producing you can manually push them to the next task or at any time you can switch on auto push so all items will be pushed to the next task at once (8). When you turn on a new task that uses the same robot as another task that is already running, the task that was running before will automatically turn off, and the new task will start setting up. At any time you can look up statistics about the different tasks by clicking on the info button (11), be careful as if you have it auto-stepping it will continue to do so while the information popup is visible. The total number of time steps that have passed is shown in the bottom left. If you want to start over simple press the reset button at any time (12)