

**Run the application by:**

- Double clicking the "tiralabra.jar"
- Type in terminal: java -jar tiralabra.jar

- Select the Grid Width and Grid Height you wan to use.
- Select the Heuristic method.
- Create the Grid

Now you can draw more walls or floors using the correct buttons on the right.

- You have to select start and goal nodes to enable the start button.
- To restart the simulation, you'll have to create a new grid.

**Stress test:**

- Type in terminal:  
java -jar tiralabra -s [width] [height] [iterations] [optional yes/no]

Iterations just tells the code how many times you want to do the same test.

yes/no is for running with **OWN COLLECTIONS/UTILS COLLECTION**

Grid Width -&gt;

30

Grid Height -&gt;

20

Heuristic Method -&gt;

MANHATTAN

Create Grid

Select Start Node

Select Goal Node

Draw Walls

Draw Floors

Evaluation time (ms) -&gt;

500

Start