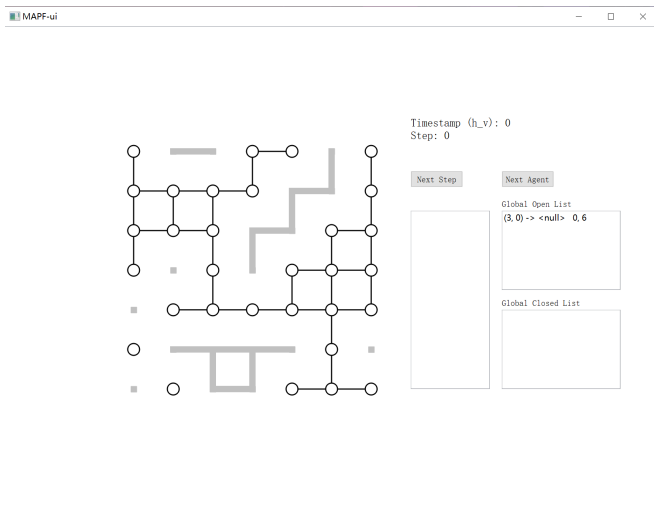# Multi-Agent Path Finding Visualization

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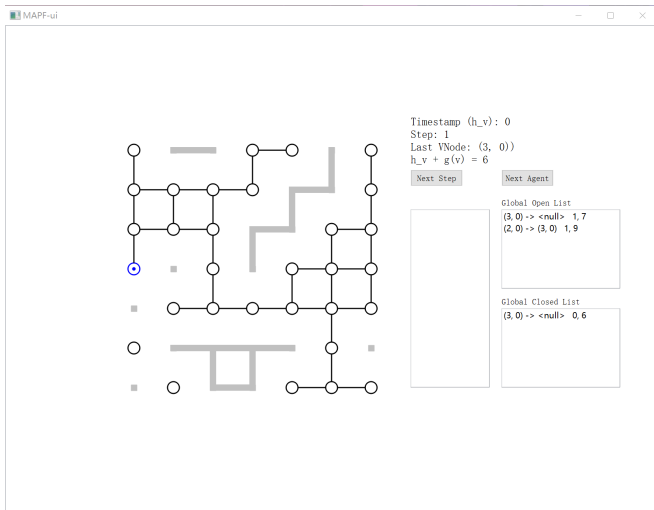
Initial State of Agent 1

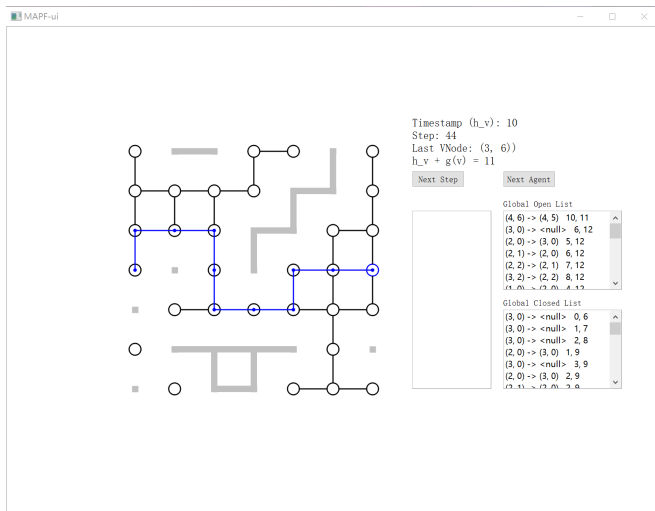The circles are available nodes, they are connected by edges (lines), and the squares (or walls) are obstacles.

First Step of Agent 1

The location of the current agent is marked in blue with a dot inside it.
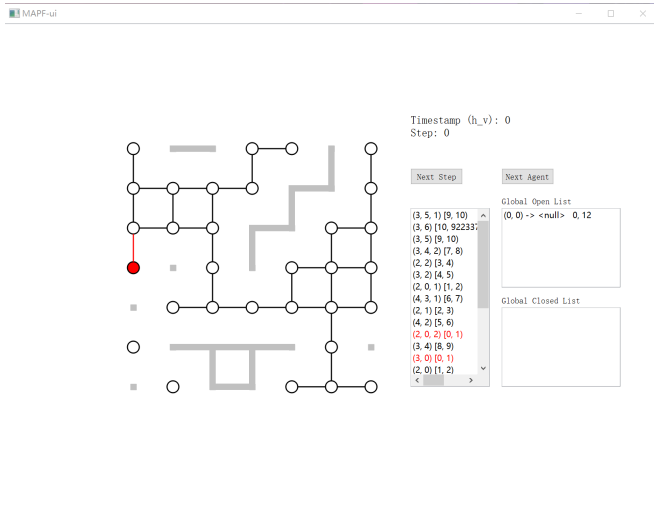
Last Step of Agent 1

The path of the current agent is also marked in blue.
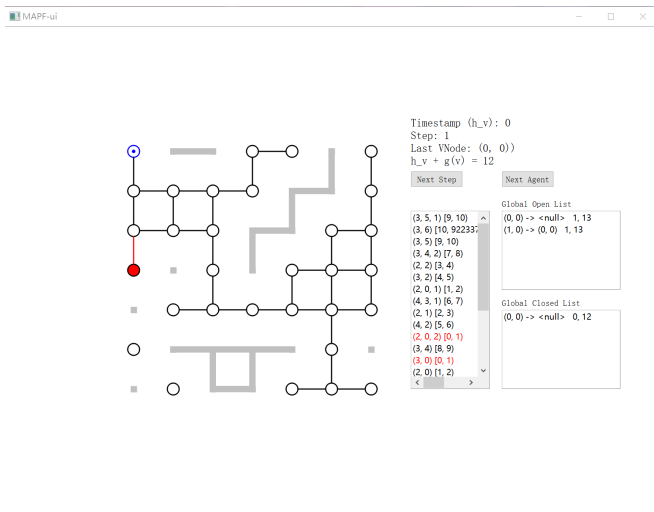
Initial State of Agent 2

The constraints at the current timestamp are marked in red. At timestamp 0, they are the starting node and first edge of Agent 1.
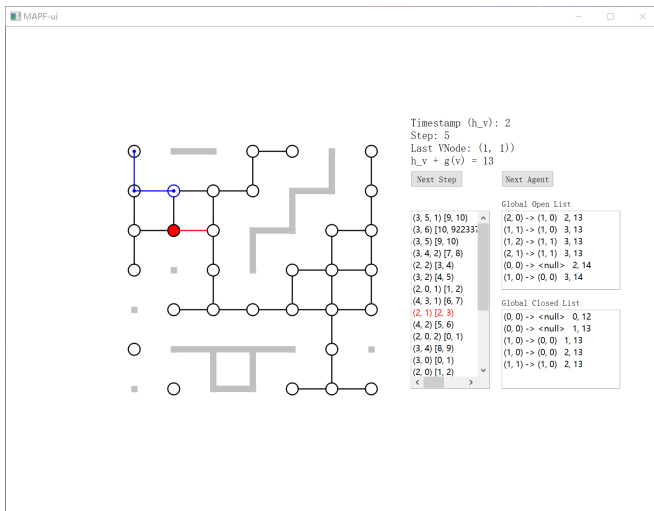
First Step of Agent 2

Note that in the list in left all constraints are listed, in which red means that it's effective currently.

Middle Step of Agent 2

After some time the current constraints may change.

Last Step of Agent 2

Note that in the two lists in right, the open and closed list can be viewed.