

Problem 3: Murky Maze - Solution

Note all the walls of a mazing being connected implies that there are no cycles in the maze. So, we can use the well known result that finding the exit can always be done by keeping one's hand on the left wall. This implemented by keeping track of the current movement direction, then turning left if possible, otherwise if possible go straight, otherwise right if possible, otherwise go back to where you came from, since you have reached a dead end.