Hard – Maze Solver

Challenge

Escape the maze with the most efficient way of solving the maze.

Legend:
```
>: Explorer looking East
<: Explorer looking West
^: Explorer looking North
v: Explorer looking south
E: Exit
#: wall
 : Clear passage way (empty space)
```

Example

Challenge Maze 1:
```
#########
#E ######
##      #
##### # #
#>    ###
##### ###
##### ###
##### ###
##### ###
#########
```

Challenge Maze 2:
```
###################
###################
##         #     ##
## #### # # # ####
##>   # ### #   ##
#######     ### ##
##       ### #   ##
## # #   # # ####
## # ### # #    ##
## #   # # ### ##
## ### ### # # ##
##   #   #   # E#
###################
###################
```

Bonus:
- Auto generate maps
- Animate the solution