# Task Definition

The goal is to find your way to the center of the maze. The server offers a REST interface to interact with the server application. Wherever the cursor is placed possible directions can be queried.

Some information is missing, resolving that challenge is part of the test.

# Interface

## Movements

There are four compass commands to move the point in the maze:

* North
* East
* South
* West

### Method/Example:

POST /move

"East"

## Reset

Resets the server, the point is back to the starting position.

### Method/Example:

POST /reset

## Query available directions

Returns all available directions

### Method/Example:

GET /directions

{"East":true,"North":false,"South":true,"West":false}

## Query current position

Returns the current position

### Method/Example:

GET /position

{"Position":{"X":1,"Y":1}}

## Query status

Returns the current status:

* OnTheWay
* TargetReached
* Failed

### Method/Example:

GET /state

{"State":"OnTheWay"}