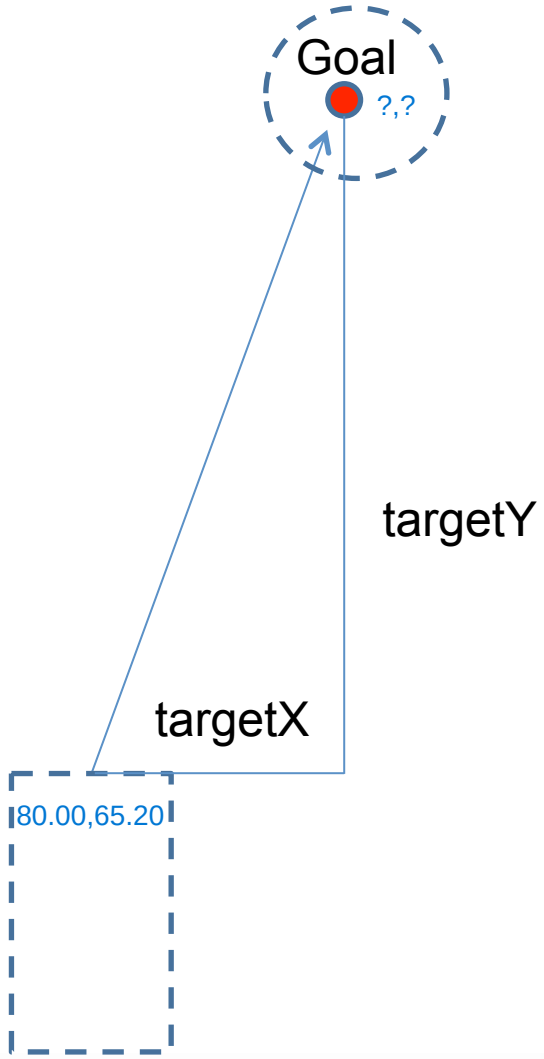
Level 5

Catalysts

Let the rover explore the planet ‘s surface. The task is to reach a certain position described by a **targetX** and **targetY** relative to your starting position (e.g. to take a sediment sample).

You already reached the goal (red position) when your rover is close enough to the goal.

Once you connect to the Rover Simulator with your client (with map, username and contestId) you receive the rovers constraints (wheelBase and maxSteeringAngle) as well as the goal position (targetX and targetY) and the targetRadius (like in level 4)



Level 5 – API Change

Catalysts

Move rover: /rover/move/$UUID?distance=$DISTANCE&steeringAngle=$STEERINGANGLE

distance = the distance the rover should move forward/backward (can be positive or negative)

steeringAngle = the steering angle (must be between -maxSteeringAngle and +maxSteeringAngle)

returns:

OK distance Note: in Level 4 it was OK distance *x y angle*

distance = the distance the rover moved

3.60 14.00 80.00 65.20 1.00

w msa x y r

ERROR „rover crashed“

PASS passKey totalDistance

passkey = pass key to be entered in CatCoder to finish the level

d=103.20