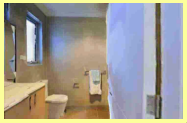
RxR Task: You'll start facing a door and a bed. Step to the foot of the bed and turn left. Now you'll see there's another open door. Walk through that open door into the hallway and take a step towards that white railing where the stairs are. Now facing two double doors and the stairs to your right, to your left, walk through that doorway into that bedroom. Now you should be facing the bed and to your left is two chairs. You're going to look straight ahead and walk towards that end table and turn right. Walk through the closet. You're going to step into the bathroom and stop when you're in front of the toilet.

Terminate at

At timestep 437: 12. If(VerifyFinalWaypoint()): 12.1. Return(True) The algorithm verified that the robot is positioned near the final waypoint at Point 16 (1.2, -7.4) on the occupancy grid, aligning with the task's objective of reaching the toilet in the bathroom. The robot has followed the task instructions closely, starting at Point 0 facing a door and bed, moving through the described path, and reaching the bathroom at Point 16, positioned in front of the toilet. The evaluation confirms alignment with the task's termination conditions, verifying the successful completion of the task.



At timestep 402: 11.1. Goto(step into the bathroom. The robot has reached the bathroom but needs to confirm its position in front of the toilet to proceed further.

At timestep 370: 10. Goto(turn right and walk through the closet). The robot has reached Point 8 and needs to move towards the end table to proceed to the next waypoint.

Initialization at

At timestep 1: 1.2. Goto(face the door and bed). We need to identify the door and bed as the starting point for the task.

At timestep 243:5.2. VisuallyIdentifyRailingAndStairs() The robot is located near Point 6, which is close to the hallway and bathroom. The presence of a white railing near Point 6 is confirmed through image analysis.
At timestep 243: 6.2. Goto(face double doors and stairs). The image shows double doors at Point 10 and the presence of stairs near Point 6. This aligns with the mission's trajectory, where the robot is supposed to be near these features. The doors and stairs confirm the correct path, supporting the instruction to identify these elements.

At timestep 344: 7. Goto(walk through the doorway into the specified bedroom).

At timestep 361: 8.1. VisuallyConfirmFacingBedWithChairs(). The analysis confirms that the robot is facing both the bed and two chairs, with the bed on the right and chairs on the left, suggesting the correct orientation at Point 8. This alignment is crucial for verifying the robot's position according to the task's instructions.
At timestep 361: 9. GotoImageBased(move towards the end table straight ahead).