Box-based Prompting

Response:

Human: Can you help me find a towel?

Robot: Of course! I found three towels in the room. One is near the bathtub, one is near the sink, and another one is near the stool. Which one would you like to use?

Human: The one near the sink, please.

Robot: Alright. I will fetch the towel near the sink for you. Is there anything else I can assist you with?

Human: No, thank you. That's all.

Robot: You're welcome! If you need any further assistance, feel free to ask.

Scene-Graph-based Prompting

Response:

Dialogue Context: high level task: describe the objects in the bathroom.

Human: Can you describe the objects in the bathroom?

Thought: bathtub-8, sink-12, toilet-15, mirror-4

Robot: Sure! In the bathroom, there is a bathtub made of ceramic, with a shiny texture and a white color. There is also a sink with an oval shape and a shiny texture. The toilet is white and seat down. There is a mirror attached to the wall, which is polished. Is there anything specific you want to know about these objects?

Human: Is there a towel in the bathroom?

Thought: towel-10

Robot: Yes, there is a folded together rectangular towel in the bathroom. It is located to the right of the door.