

Lab 2: RL and VLM Report

Problem 1

1. The task is called “OpenCabinetDrawer-v1” and the goal is to use a fetch mobile manipulation robot to move towards a target cabinet and open the target drawer out.

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Accuracy Rate: 0.681875
Segmentation fault (core dumped)
○ (maniskill_env) bash-4.4$
```

2.

Problem 2

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According to VLM, the Logits model output will have the same type as the model (except for train time, where it will always be float).
Prompt: Describe what the task is in detail.
Answer: The task is to describe the scene depicted in the image. The image shows a robotic arm, likely a robotic arm used in a manufacturing or assembly process, reaching out to a wooden cabinet or a piece of furniture. The robotic arm appears to be interacting with the cabinet, possibly in the process of assembling or installing a part.
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The cabinet itself is a wooden piece of furniture, likely a cabinet or a shelf, with a door that is slightly ajar. The door is not fully open, suggesting that the robotic arm is trying to access something inside the cabinet.
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1.

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The background of the image is a workbench or a manufacturing area, with various
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Was final actions successful: True
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Prompt After PPO: The task of this model is for the robot to open the second cabinet door fully. A success happens the robot opens the second cabinet door is open more 75 percent. Based on the image, was the task successful?
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Description: Based on the image, it appears that the robot has successfully opened the second cabinet door. The door is open and the robot's arm is in a position that suggests it has completed the task. The door is also open more than 75 percent, which meets the success criteria.
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2.