WiRom Exercise Reflections

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I used the "deliverymissionUPDATED" map because all other maps had bugged x/y axis for me. I spawned a bunch of bb8s as well as two additional moose. The mission has tasks for visiting a coordinate outside each house once, as well as one task for moving a robot in a square. Visiting the first house required setting altitude to 1 and could therefore only be completed by the mavic, all the other house visits could be completed by any robot that was compatible with the go-to-location action.

Since there are 5 houses but only 4 robots compatible with go-to-location one robot had to visit two houses. Visiting the houses completed successfully, but the bb8 failed to move in a square, more tinkering to figure out correct turn timer for 90-degree rotations would be needed to perfect this task. See my_mission.mp4 for demonstration.

I did not implement any additional task-allocation algorithms but relied on the predefined algorithms instead. Among these only random_allocation had an effect, with CBAA and auto not yielding any results at all.

I really wish there was a way to save the missions I create.