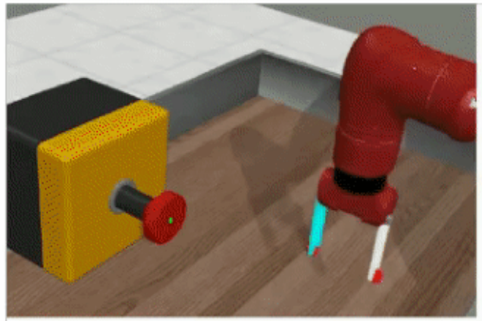
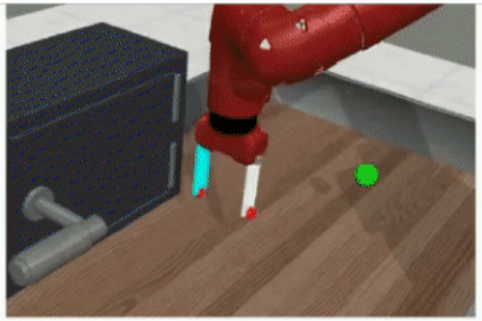
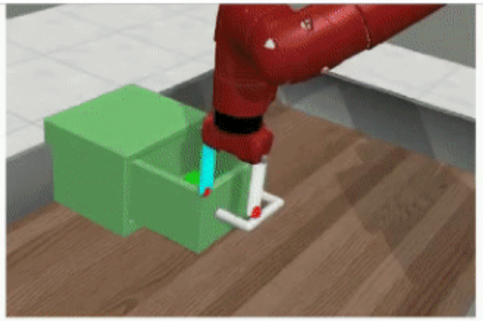
Train



button press



door open



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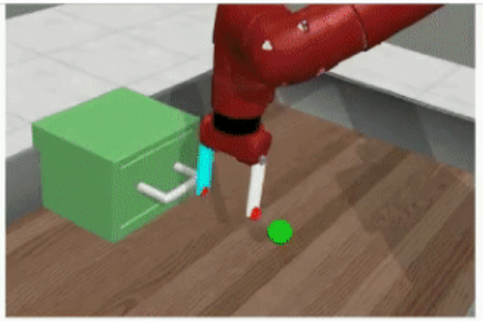
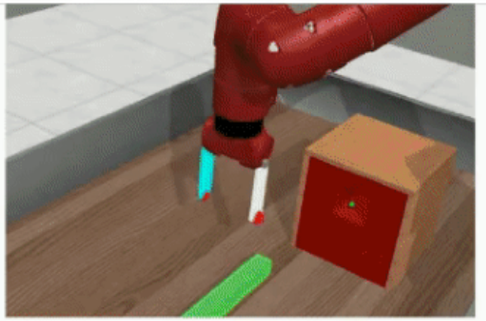
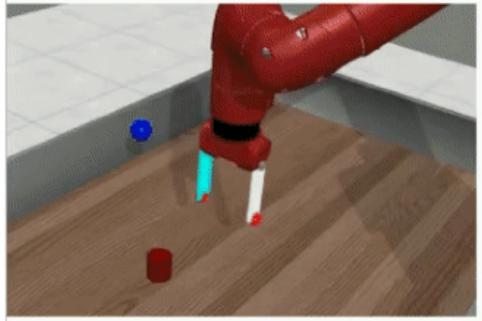


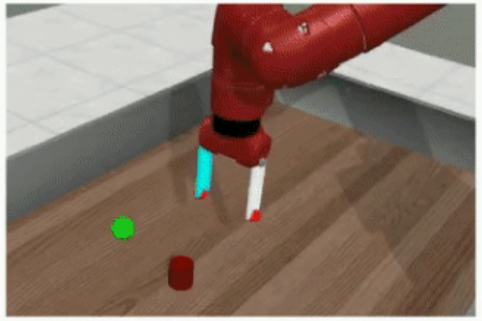
drawer open



peg insert side



pick place



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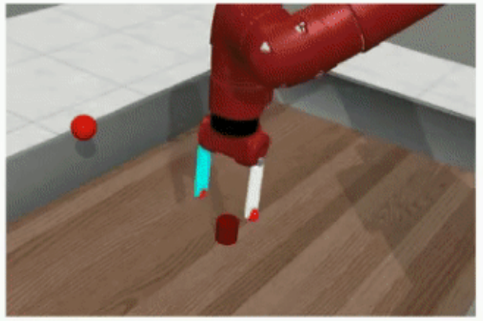
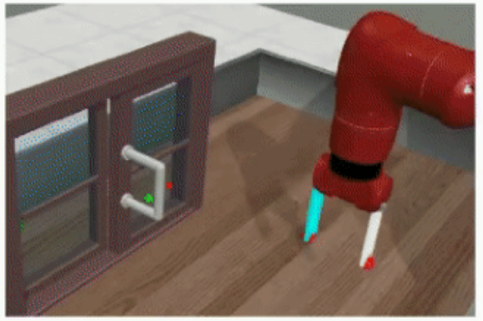
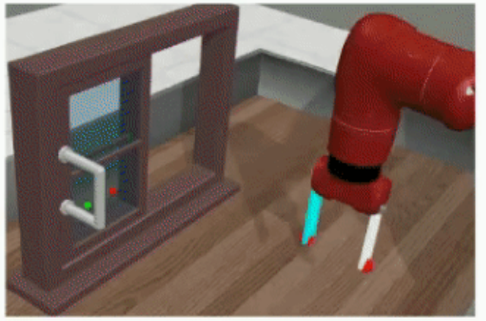


reach

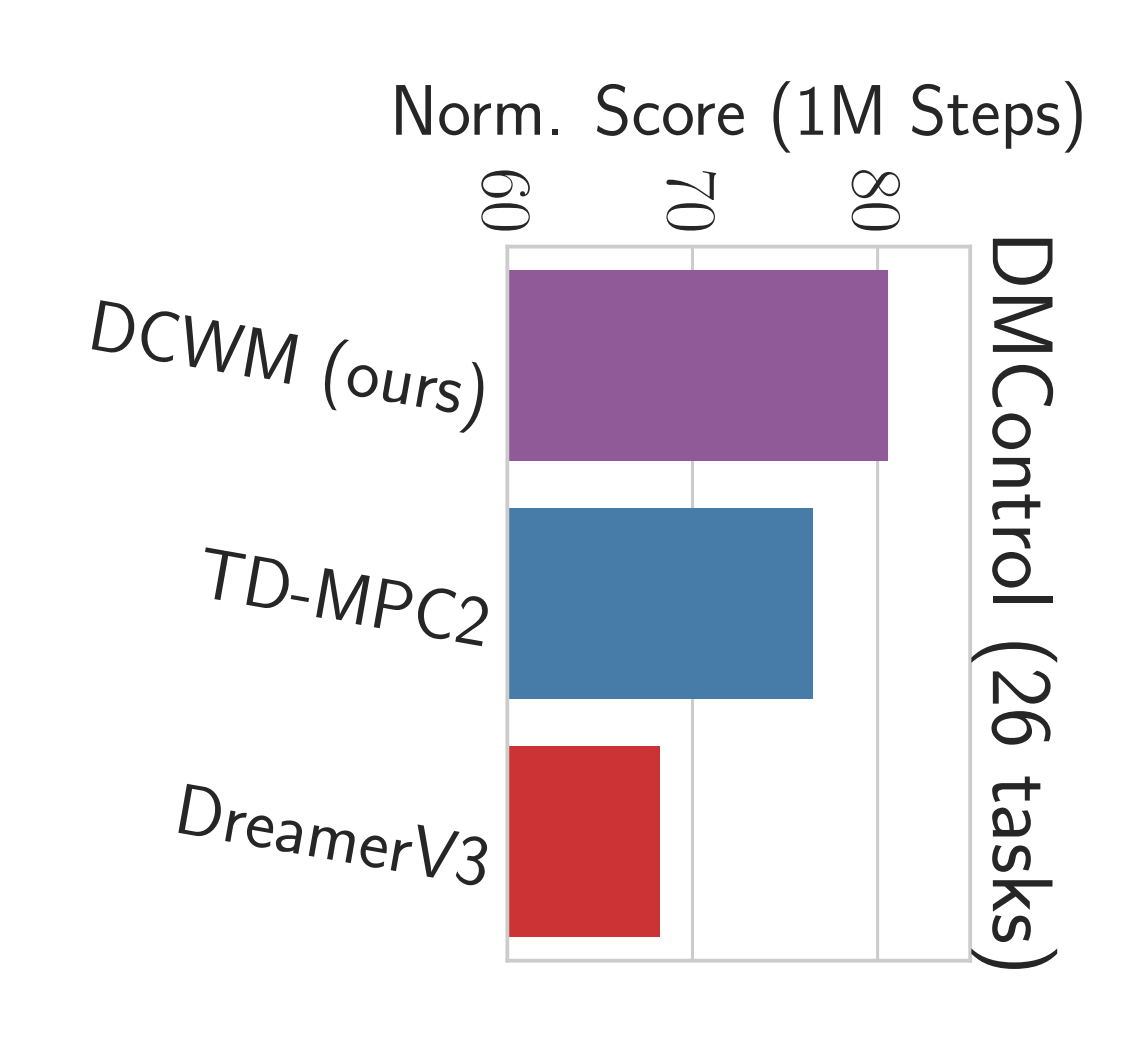


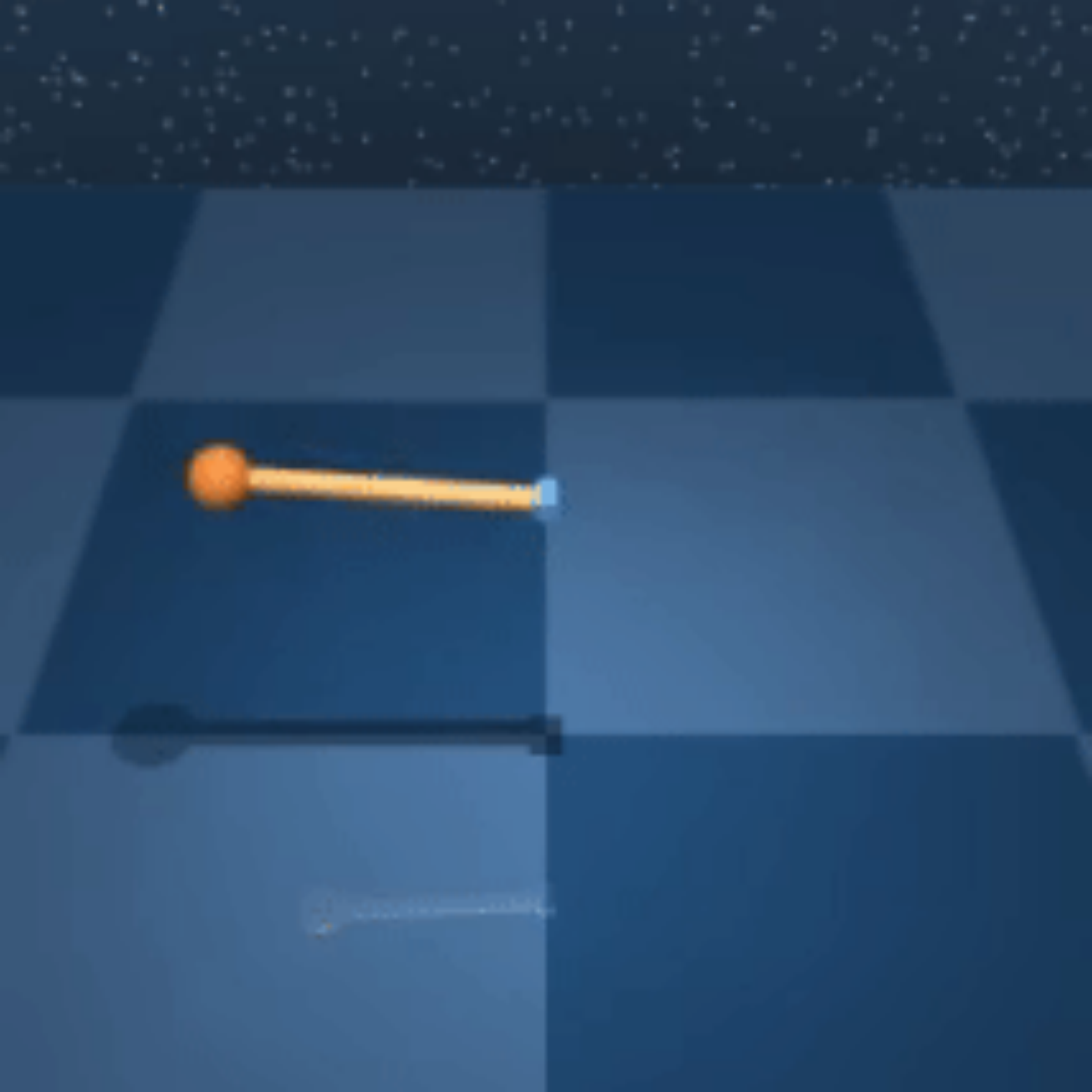
window open

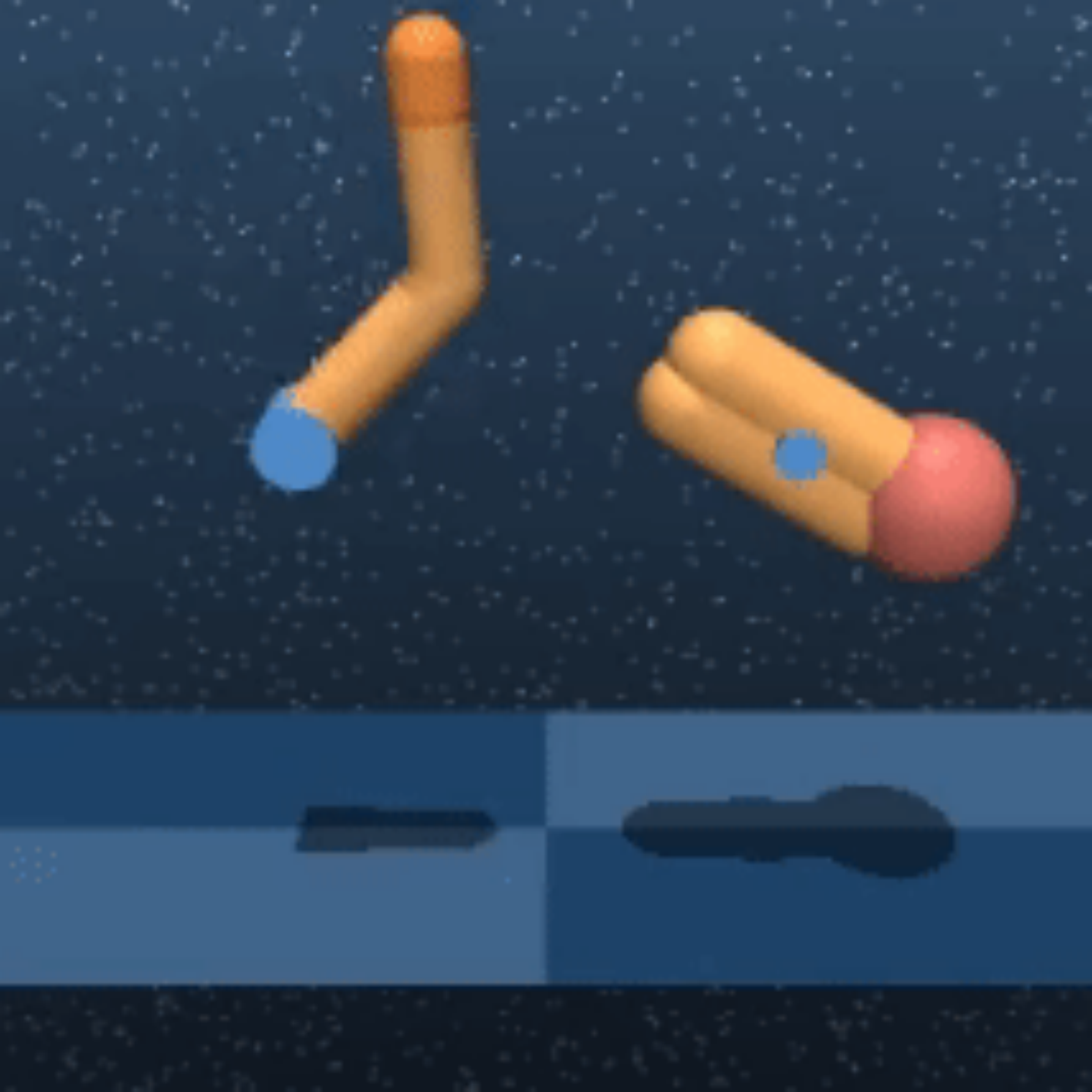


window close

MetaWorld (7 tasks)
Success Rate (%)
100
50
DCWM (ours)
TD-MPC2
DreamerV3

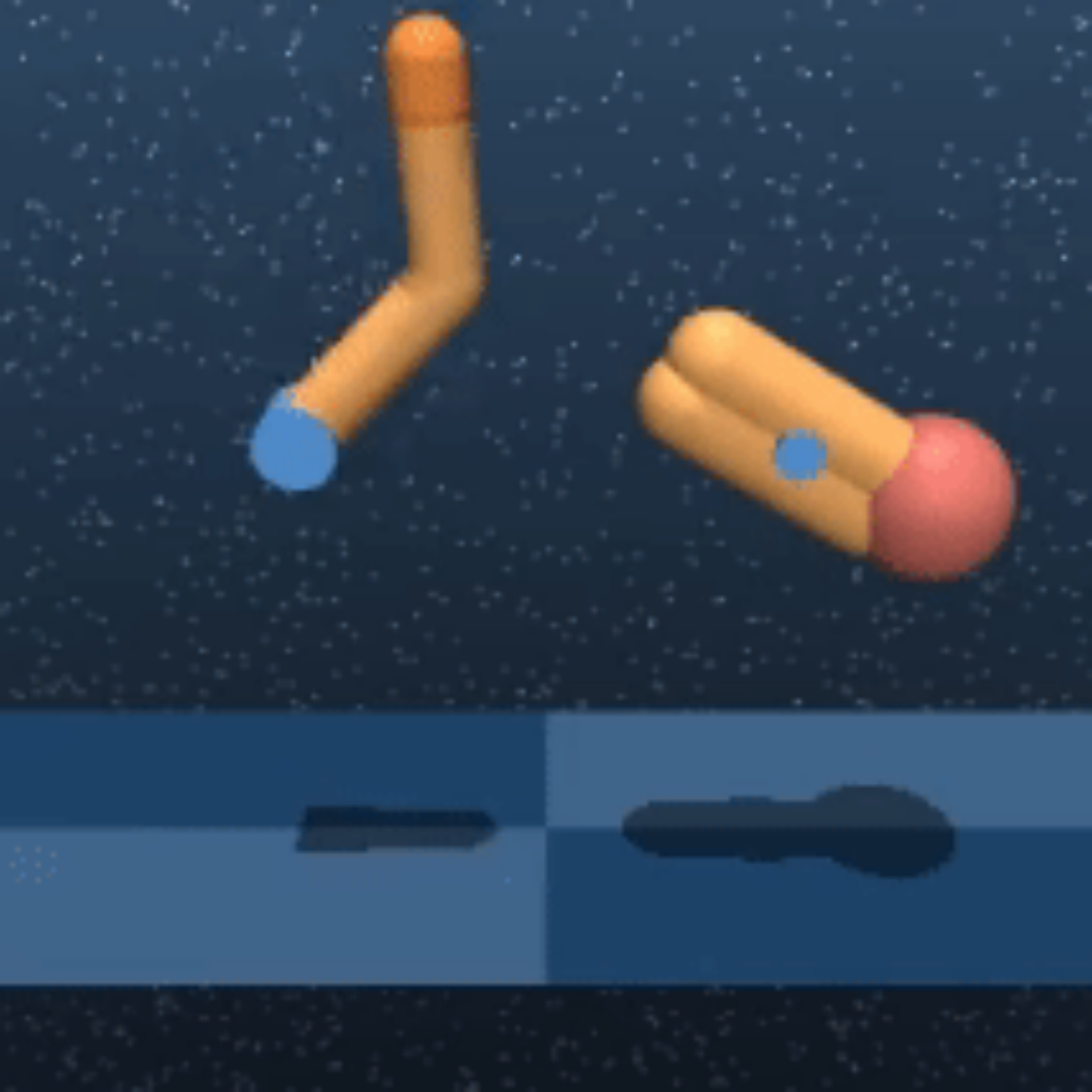

Norm. Score (1M Steps)
60
70
80
DMControl (26 tasks)
DCWM (ours)
TD-MPC2
DreamerV3

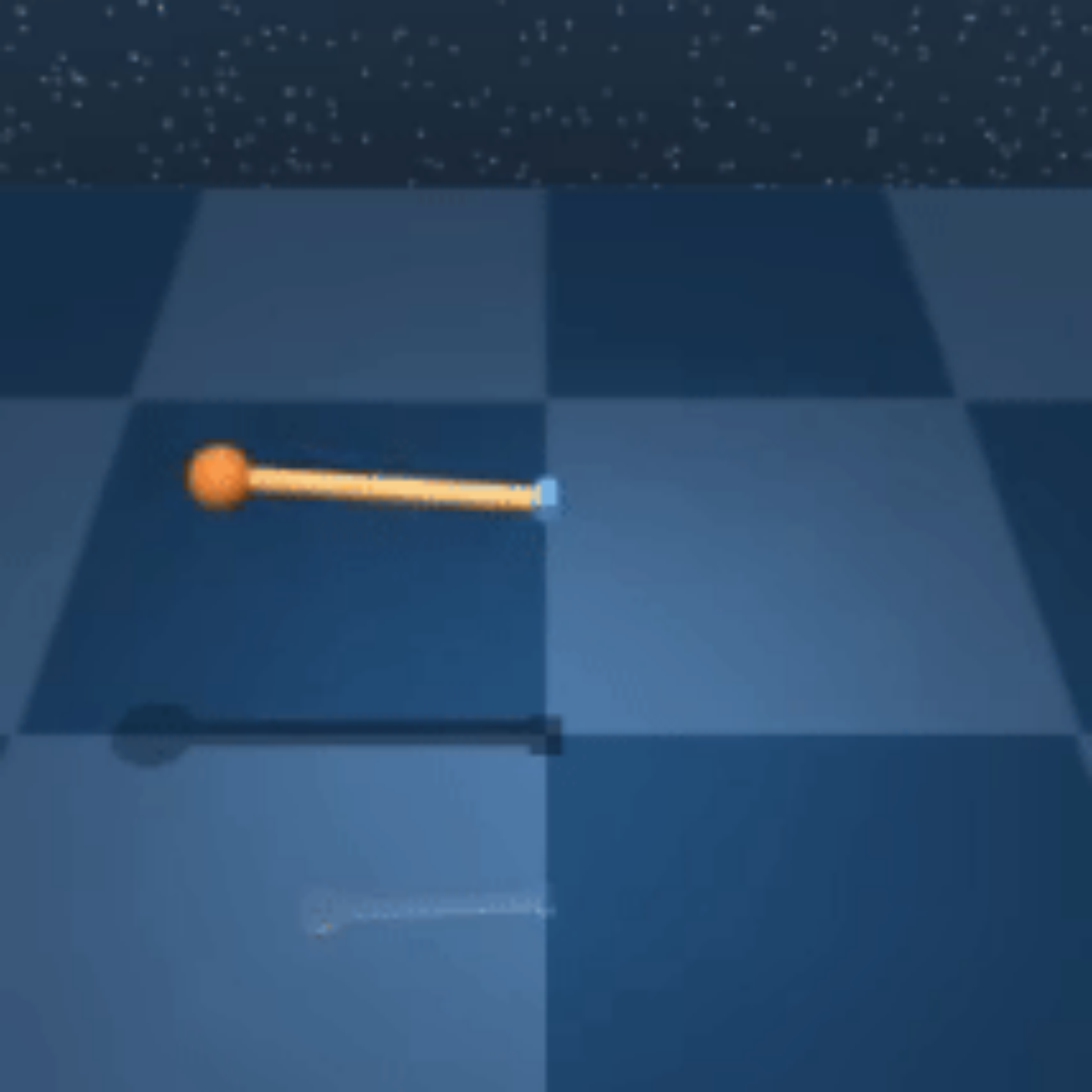




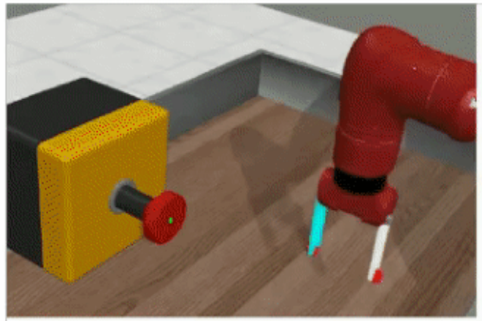
Results: Overview

Strong Performance in DMControl and MetaWorld Manipulation Tasks

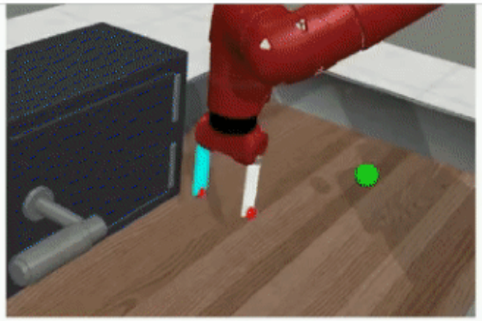




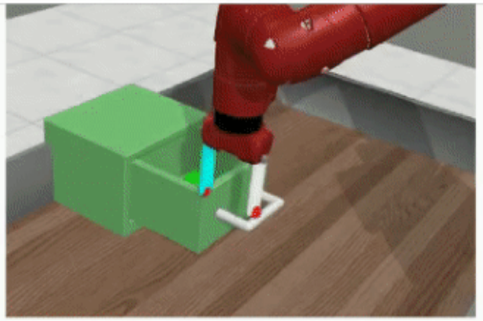
Train



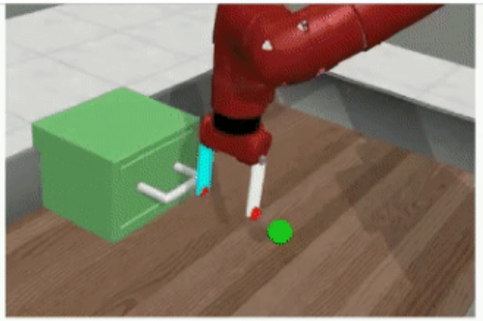
button press



door open



drawer close



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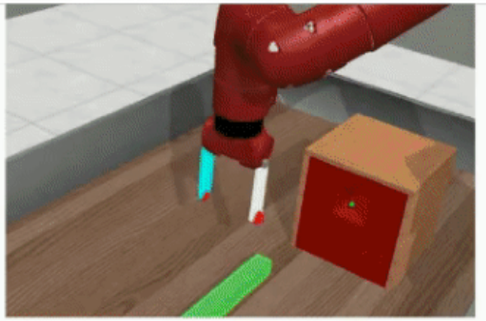

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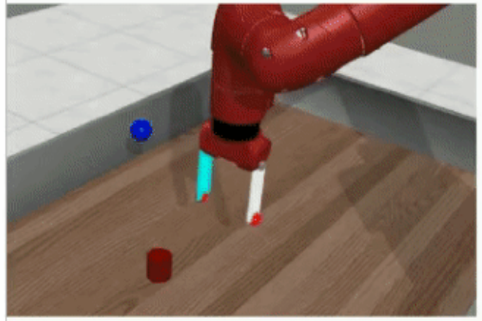
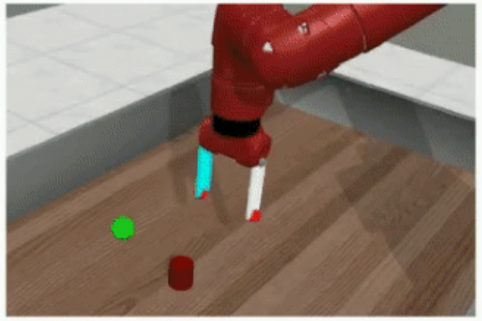


pick place



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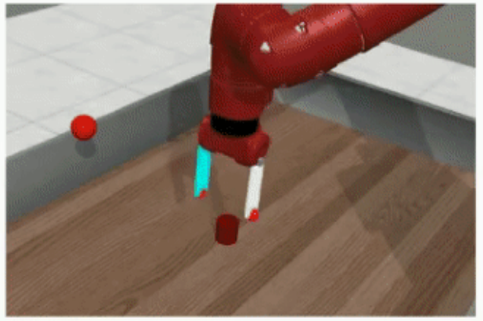
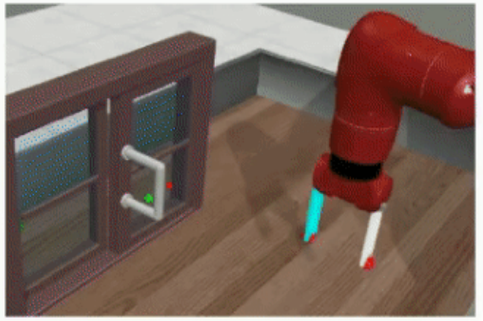


reach



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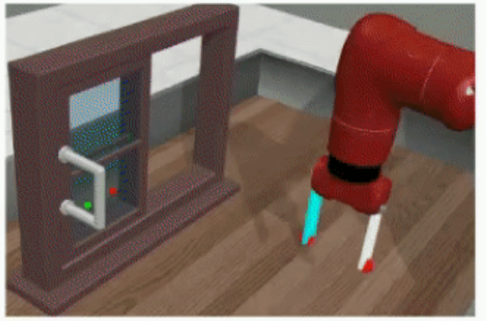

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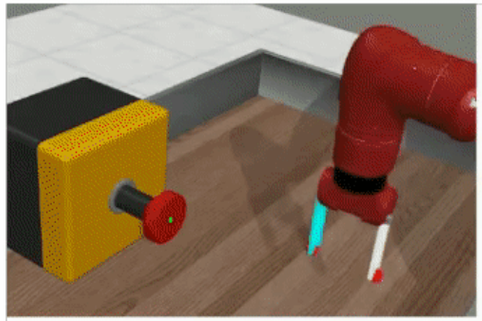
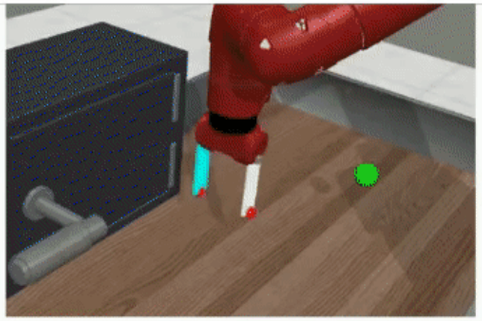
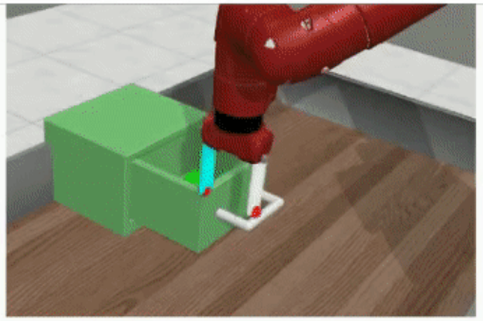
Train



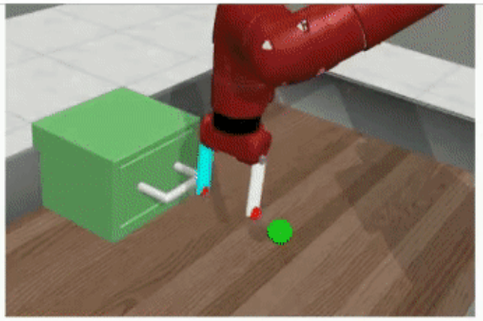
button press



door open



drawer close



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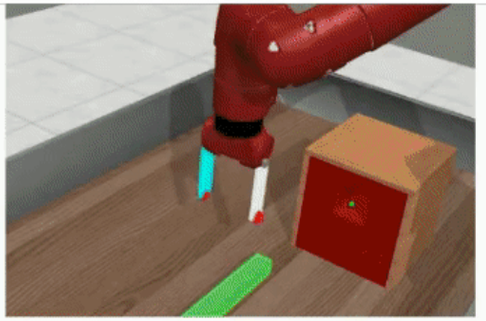

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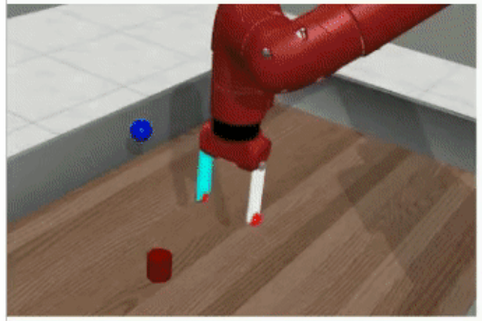
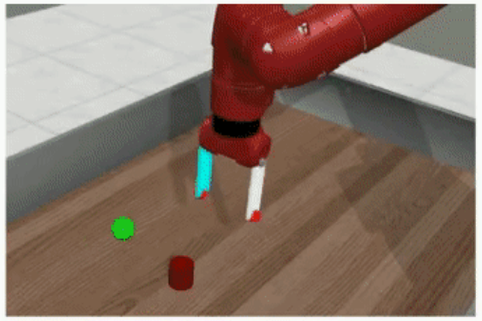


pick place



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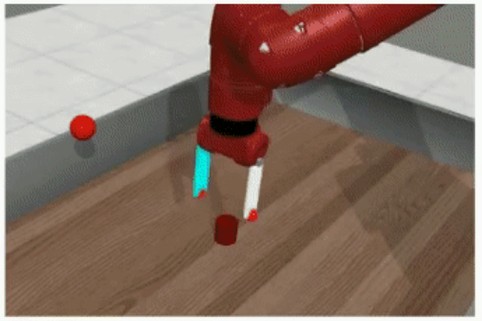

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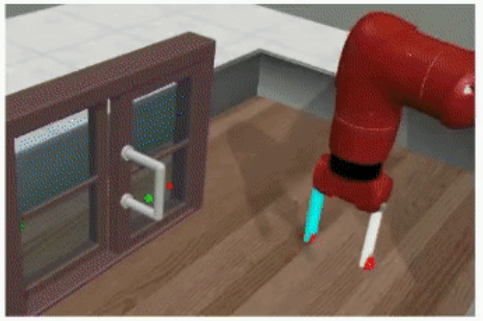

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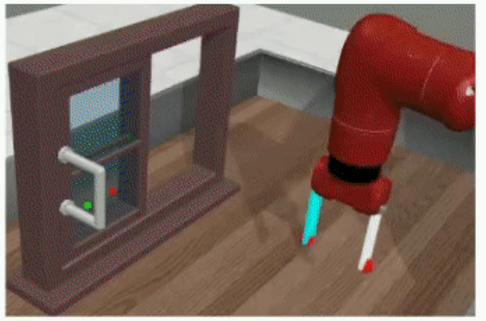

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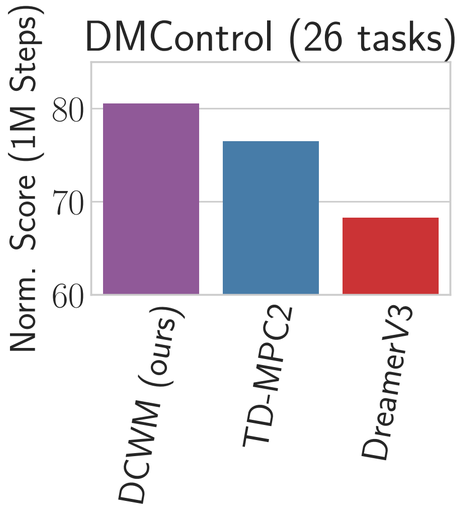
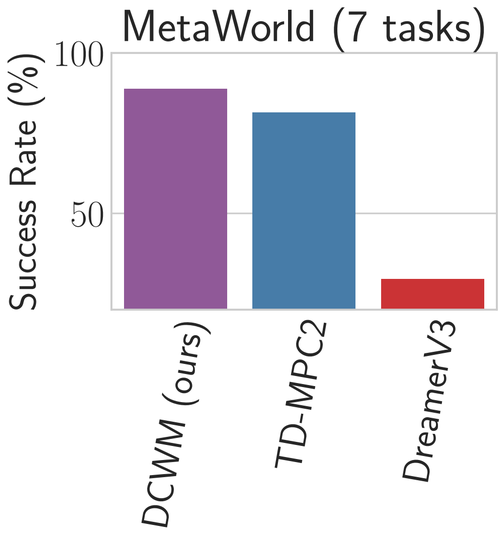
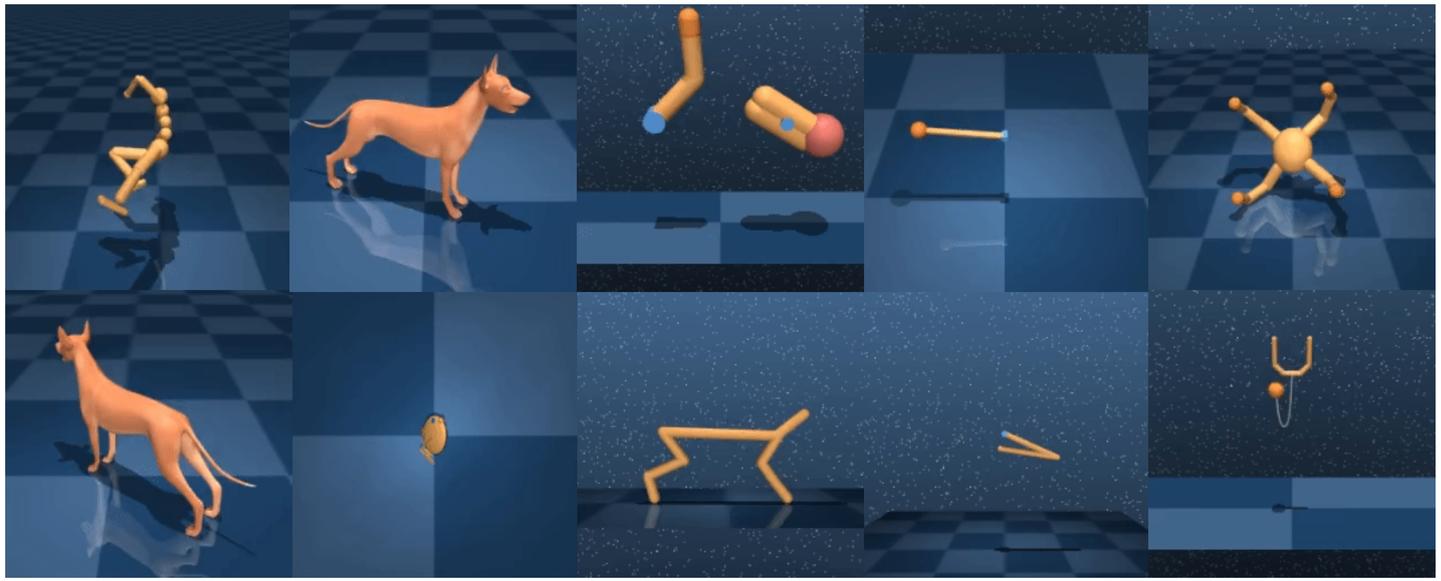
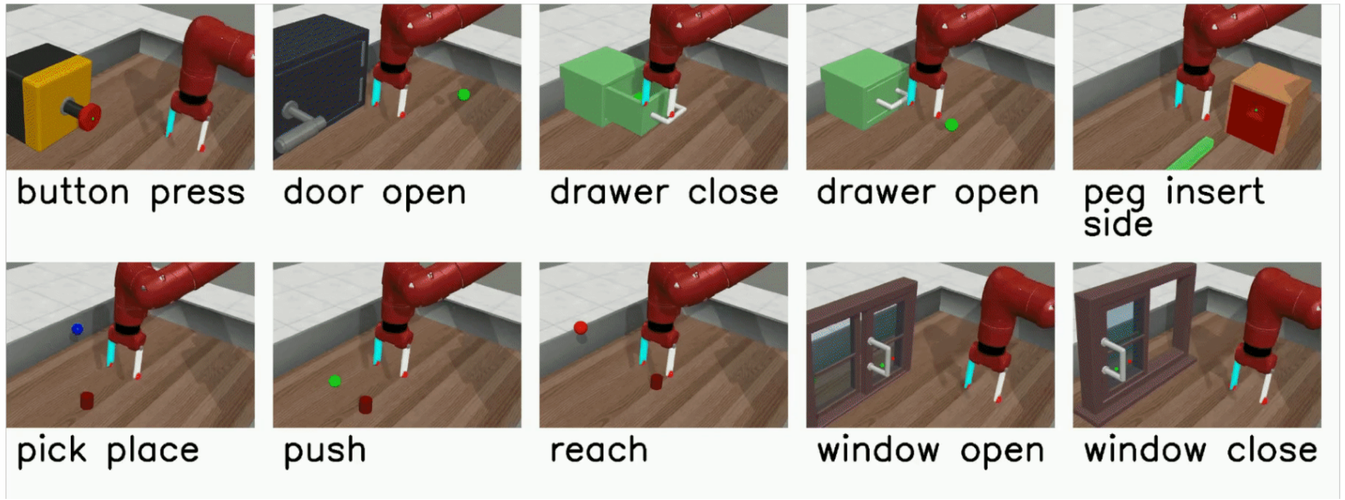
Results: Overview

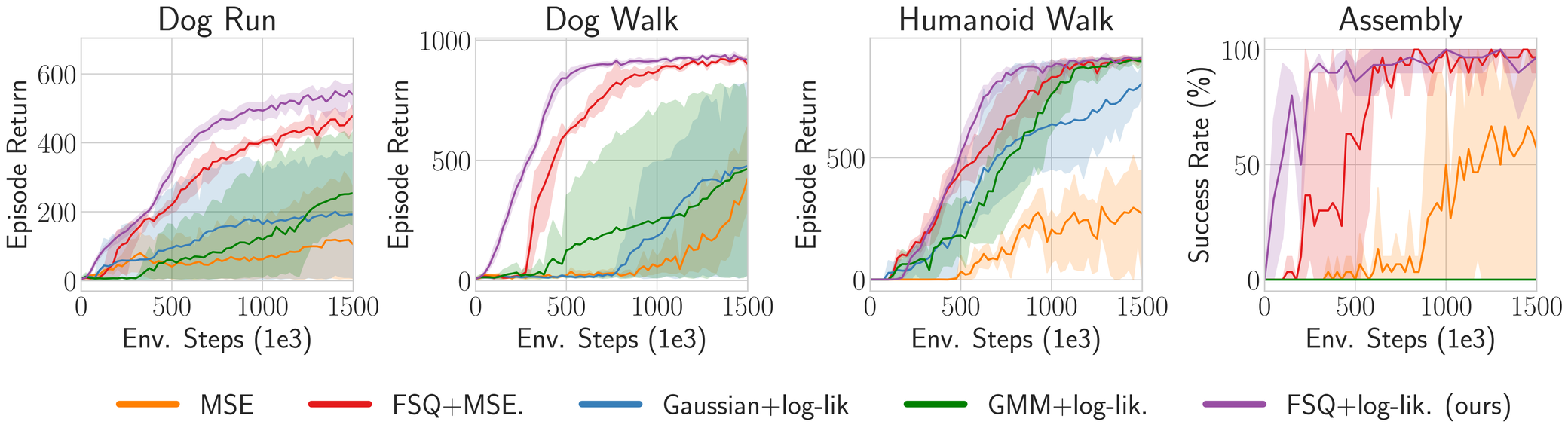
Strong Performance in DMControl and MetaWorld Manipulation Tasks









Why Does DCWM Work So Well?

Combination of Discrete Representation and Cross Entropy Loss