

FCAI

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Main Takeaway:

Learning discrete codebook encodings with a self-supervised cross-entropy loss improves sample efficiency in continuous control tasks

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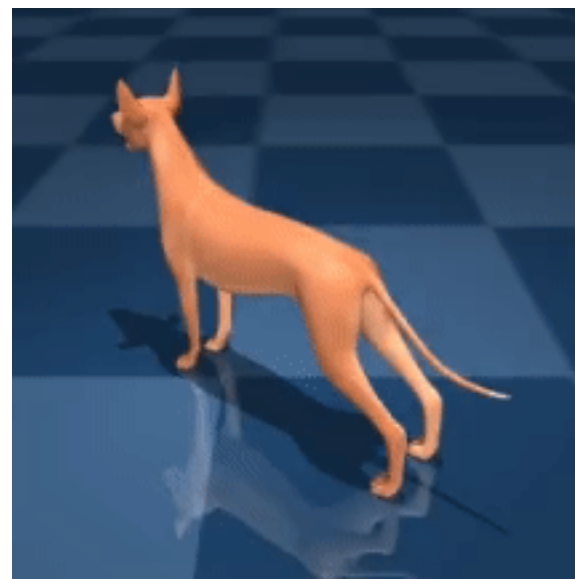


Main Takeaway:

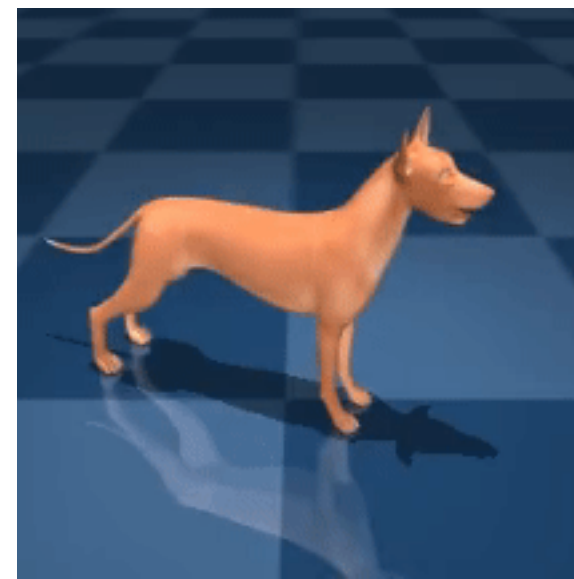
Learning discrete codebook encodings with a self-supervised cross-entropy loss improves sample efficiency in continuous control tasks

Results: DeepMind Control Suite

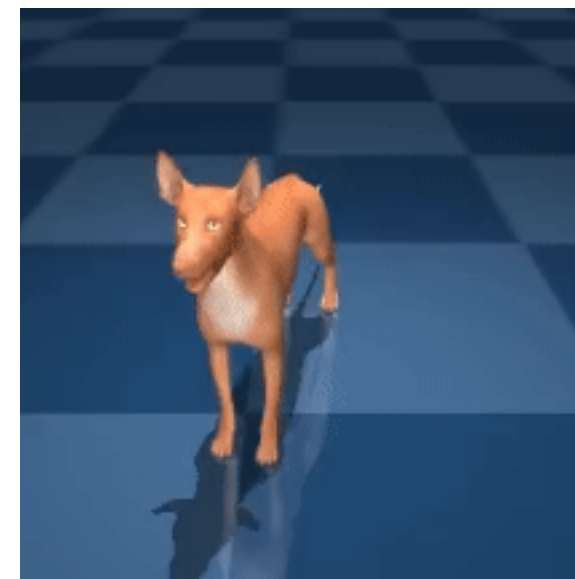
Strong Performance in Hard DMControl Tasks



Dog Run



Dog Trot

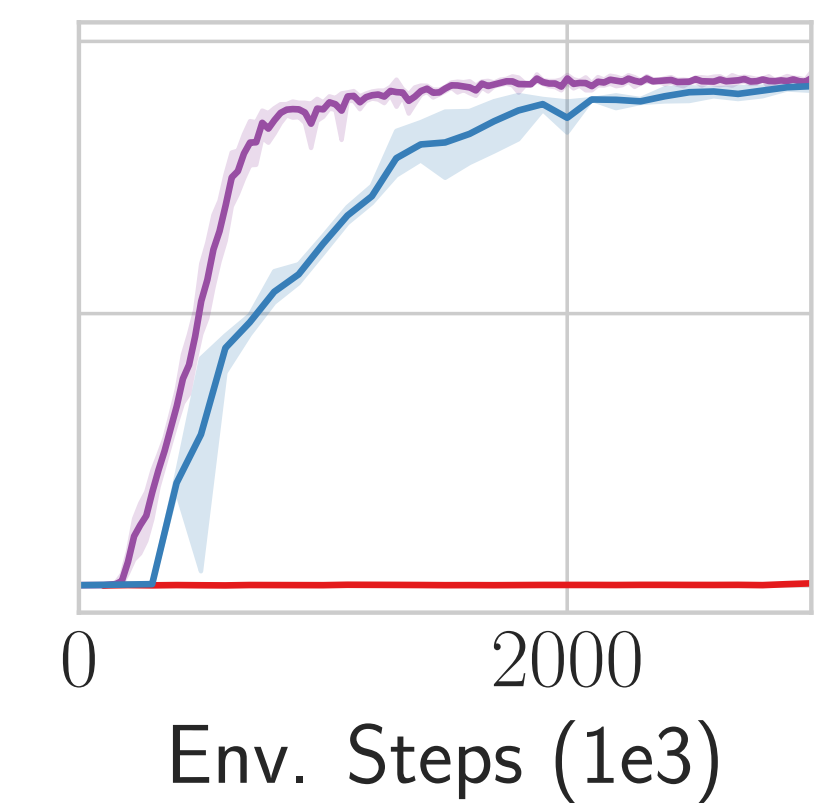
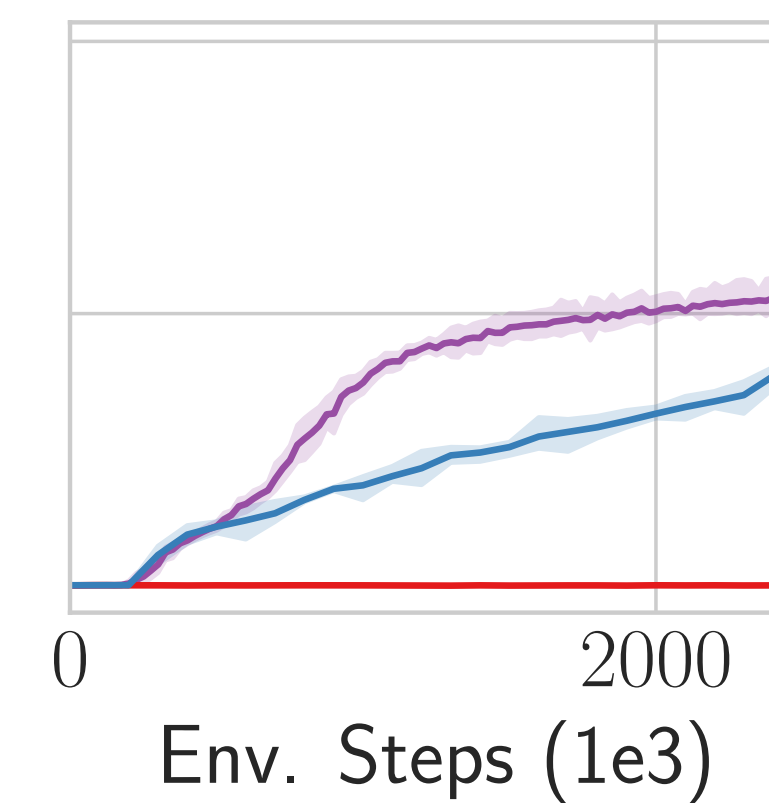
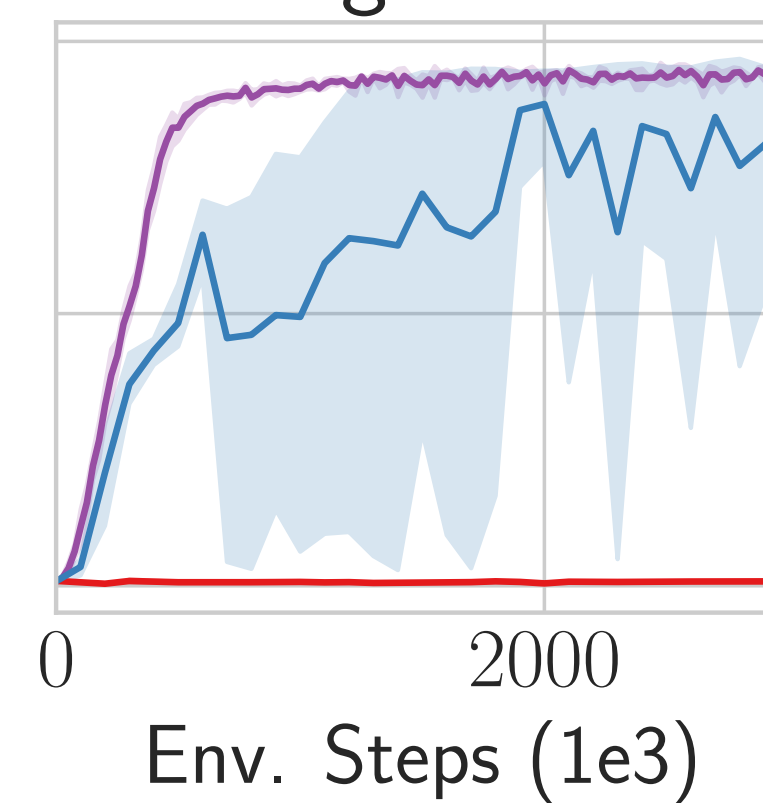
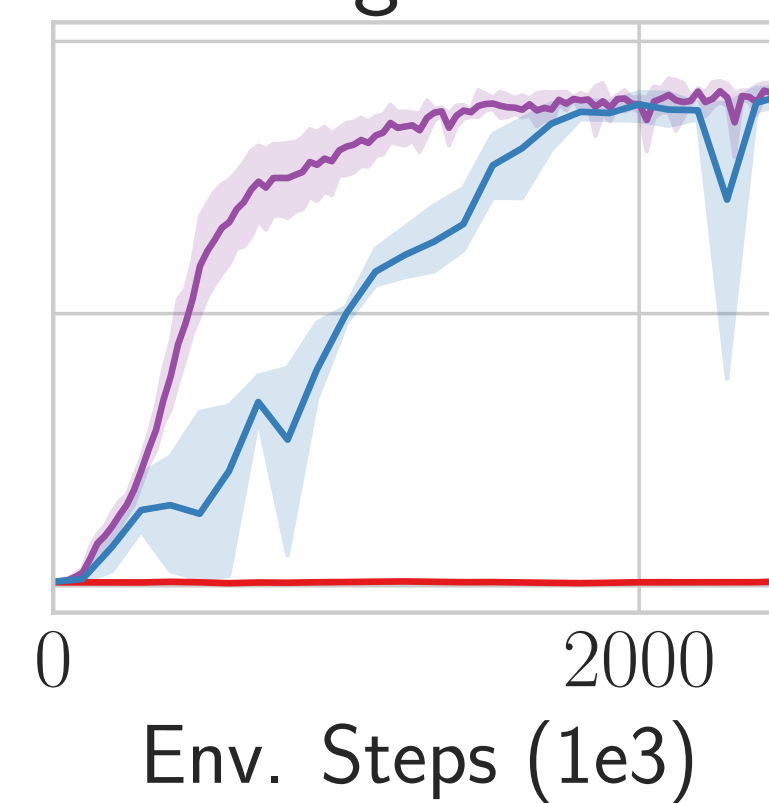
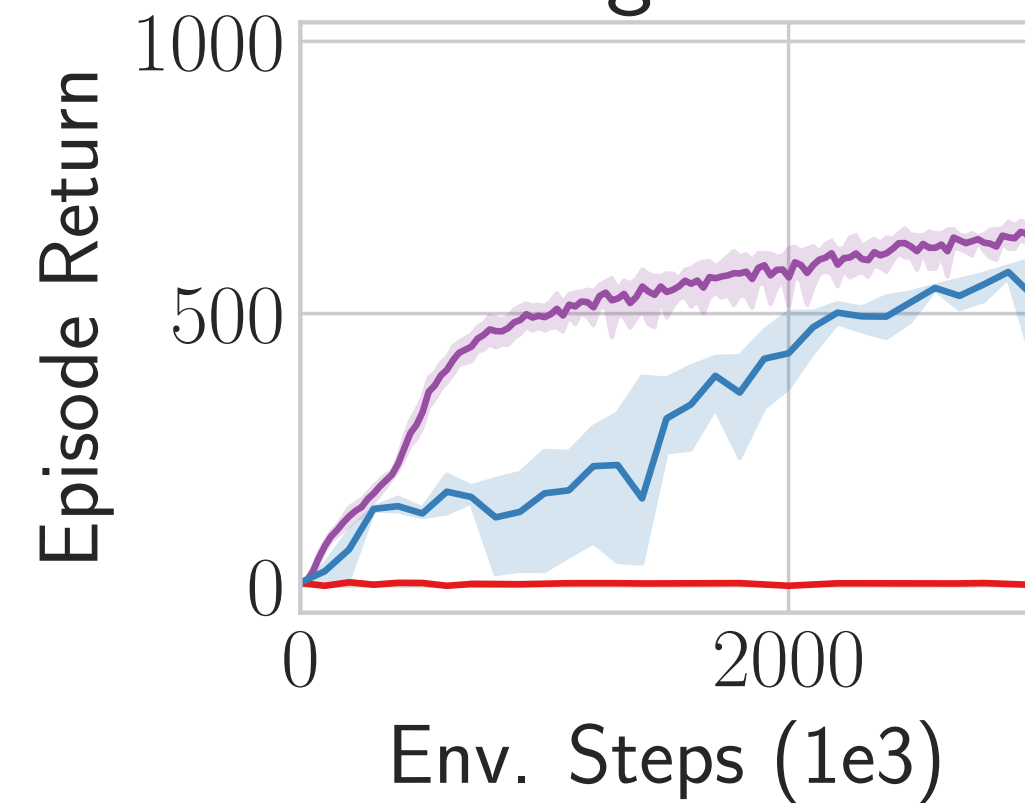


Dog Walk



Humanoid Run

Humanoid Walk



— DCWM — DreamerV3 — TD-MPC2