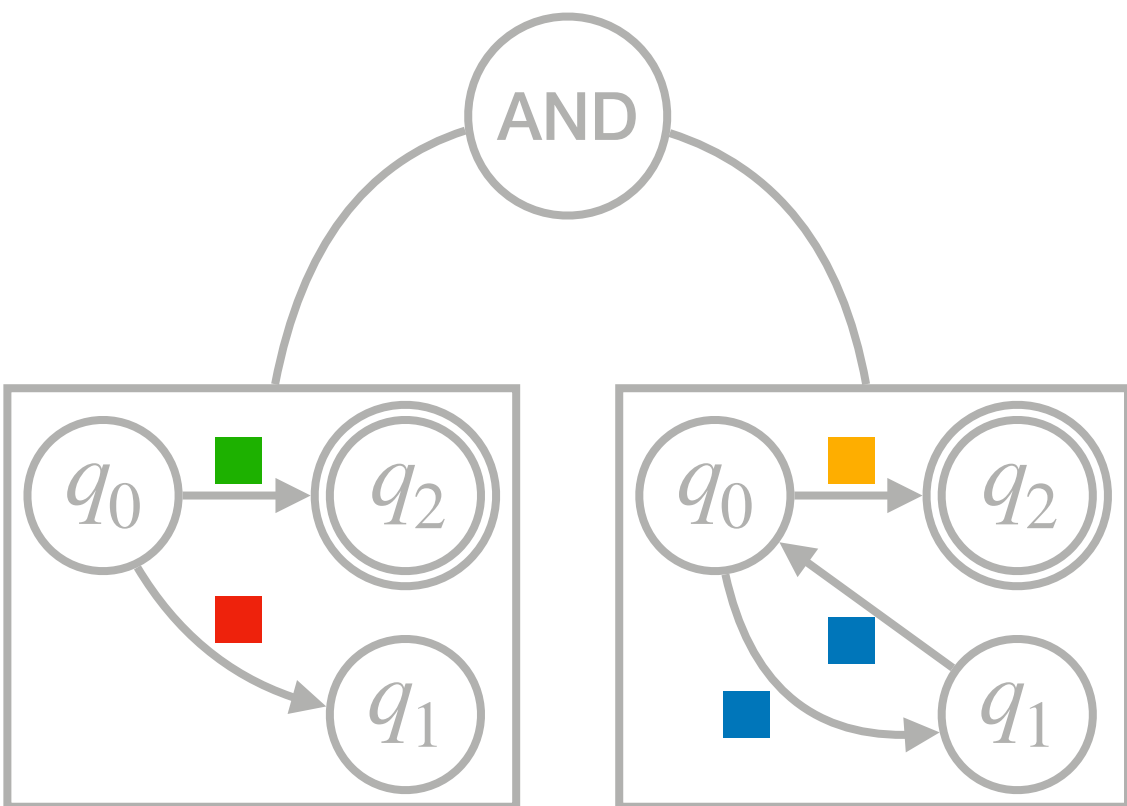




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Reeap

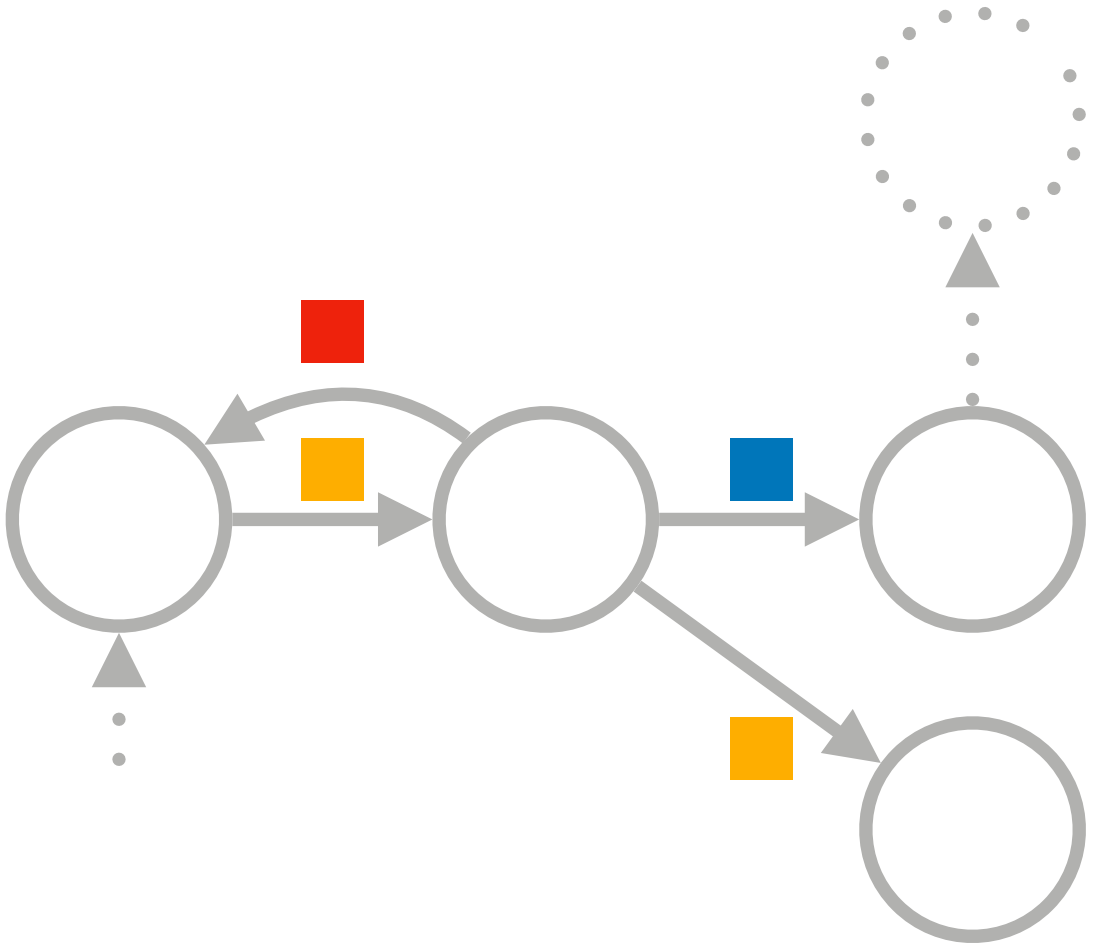


Compositional
Deterministic Finite Automata
(**cDFAs**)
as a goal representation

Experimental evaluation

demonstrating

zero-shot generalization



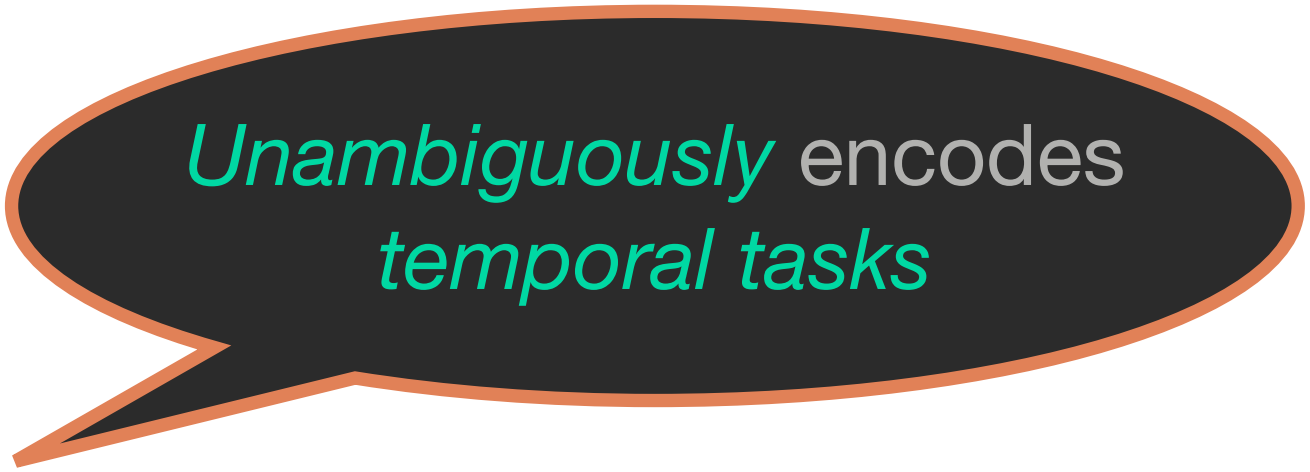
Reach-Avoid Derived
cDFA Distribution
(**RAD cDFAs**)




Experimental
Evaluation



Pretraining
RAD*Embeddings*
using a
Graph Attention Network
(GATv2)



Unambiguously encodes
temporal tasks

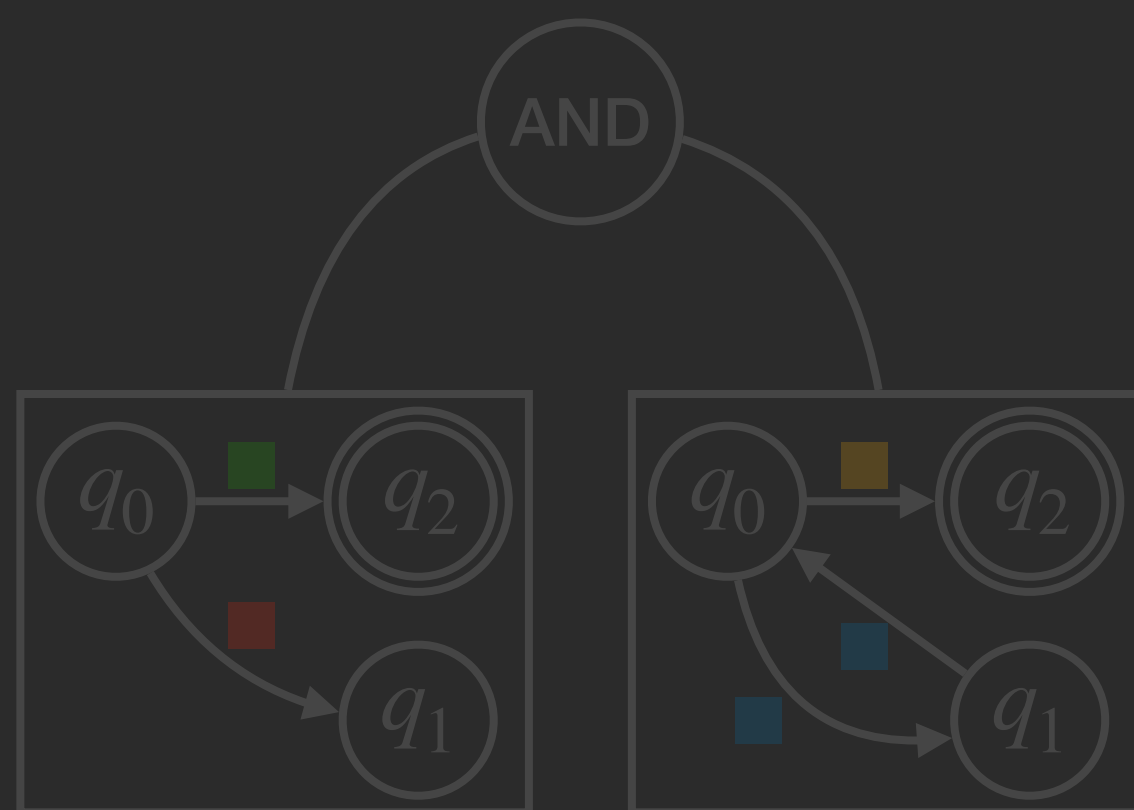


Provides a *curriculum*
for learning cDFAs



Maps cDFAs to an
embedding space

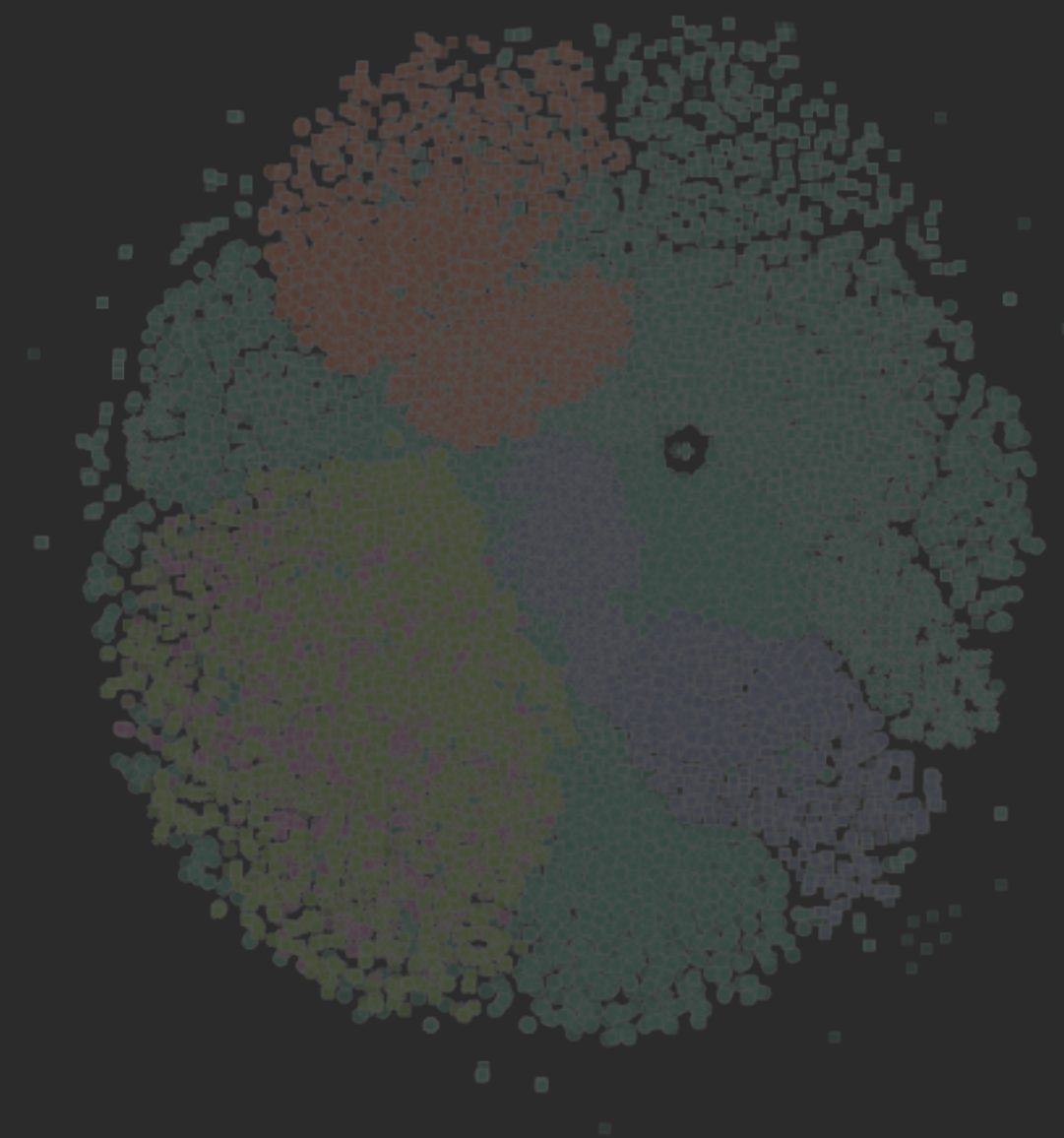
Recap



Compositional
Deterministic Finite Automata
(**cDFAs**)
as a goal representation



Reach-Avoid Derived
cDFA Distribution
(**RAD cDFAs**)



Pretraining
***RAD**Embeddings*
using a
Graph Attention Network
(GATv2)



Experimental
Evaluation

Pretraining helps policies perform *better, faster*

