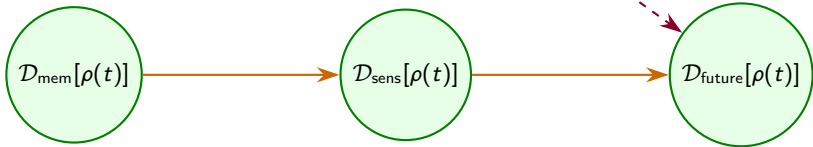Toy-model derivation