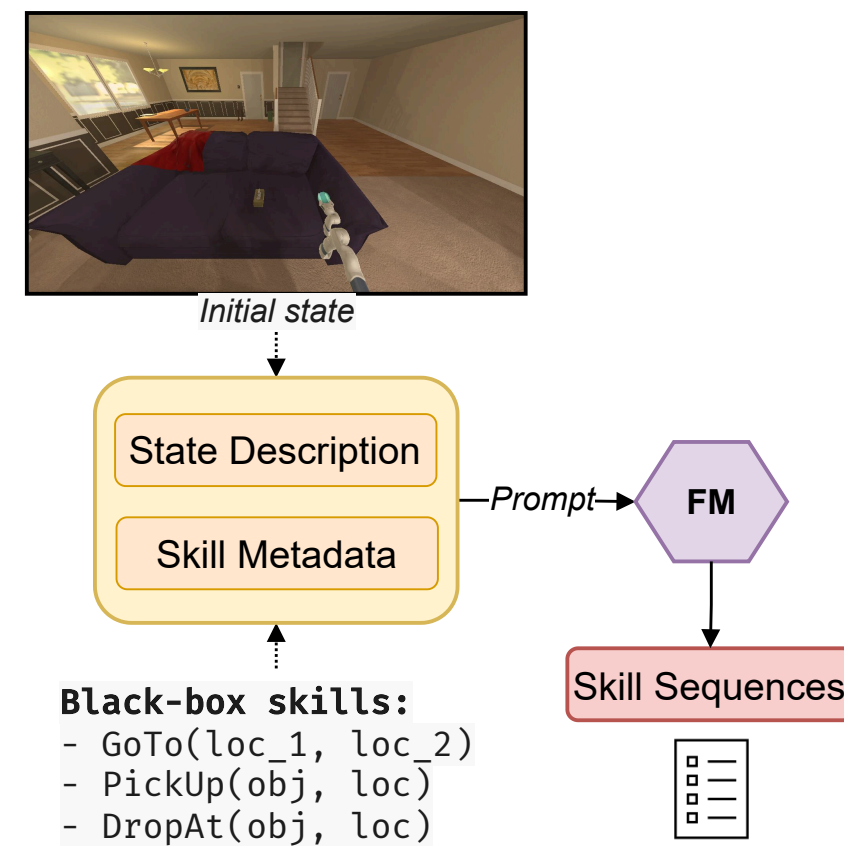
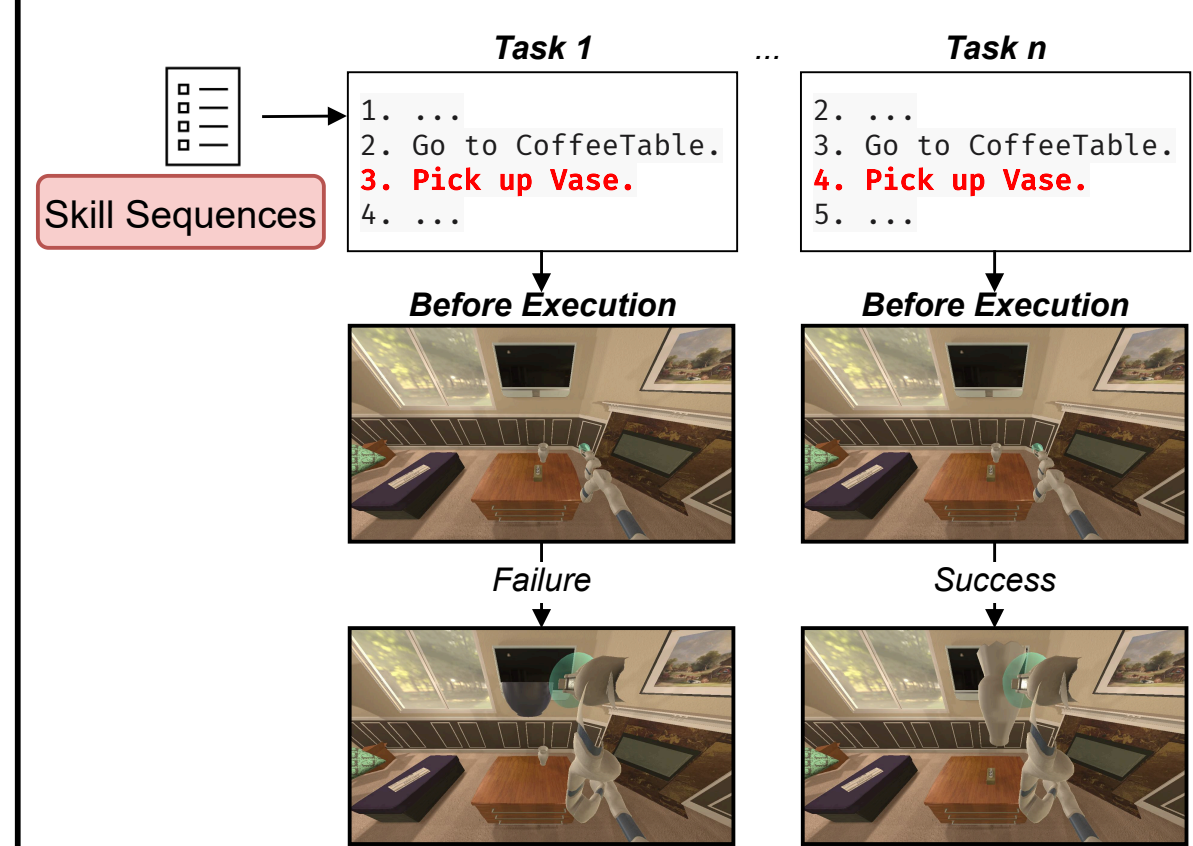


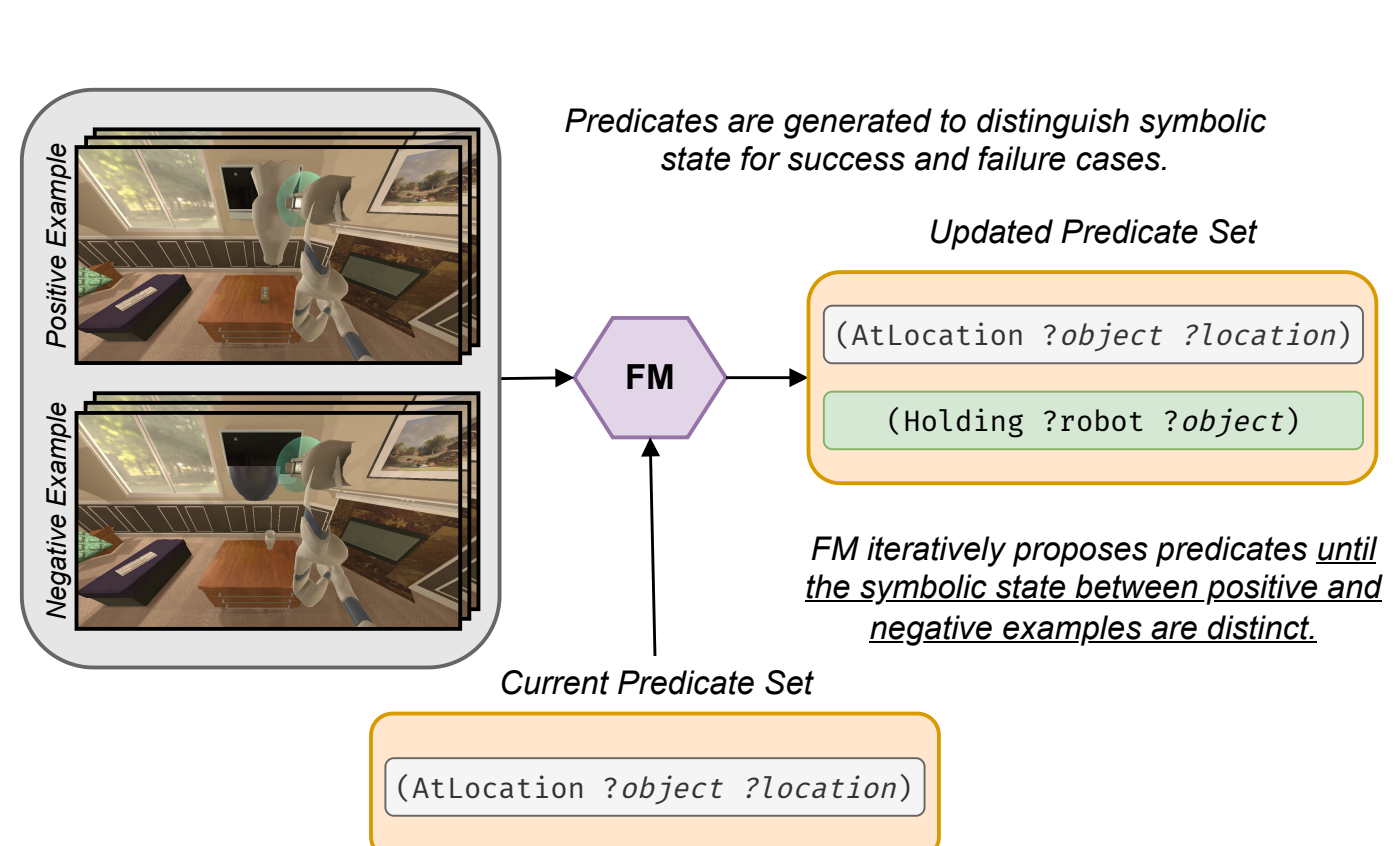
Phase 1: FM proposes robot skill sequences given black-box skill metadata and state description for learning operators.



Phase 2: Robot attempts to execute each proposed sequence step-by-step until success or failure is encountered.



Phase 3: FM is presented images of positive (success) and negative (failure) cases to generate predicates useful for learning skill operators.



Phase 4: Using all candidate predicates, we factorize the symbolic state to construct skill operator definitions that characterize these skills.

