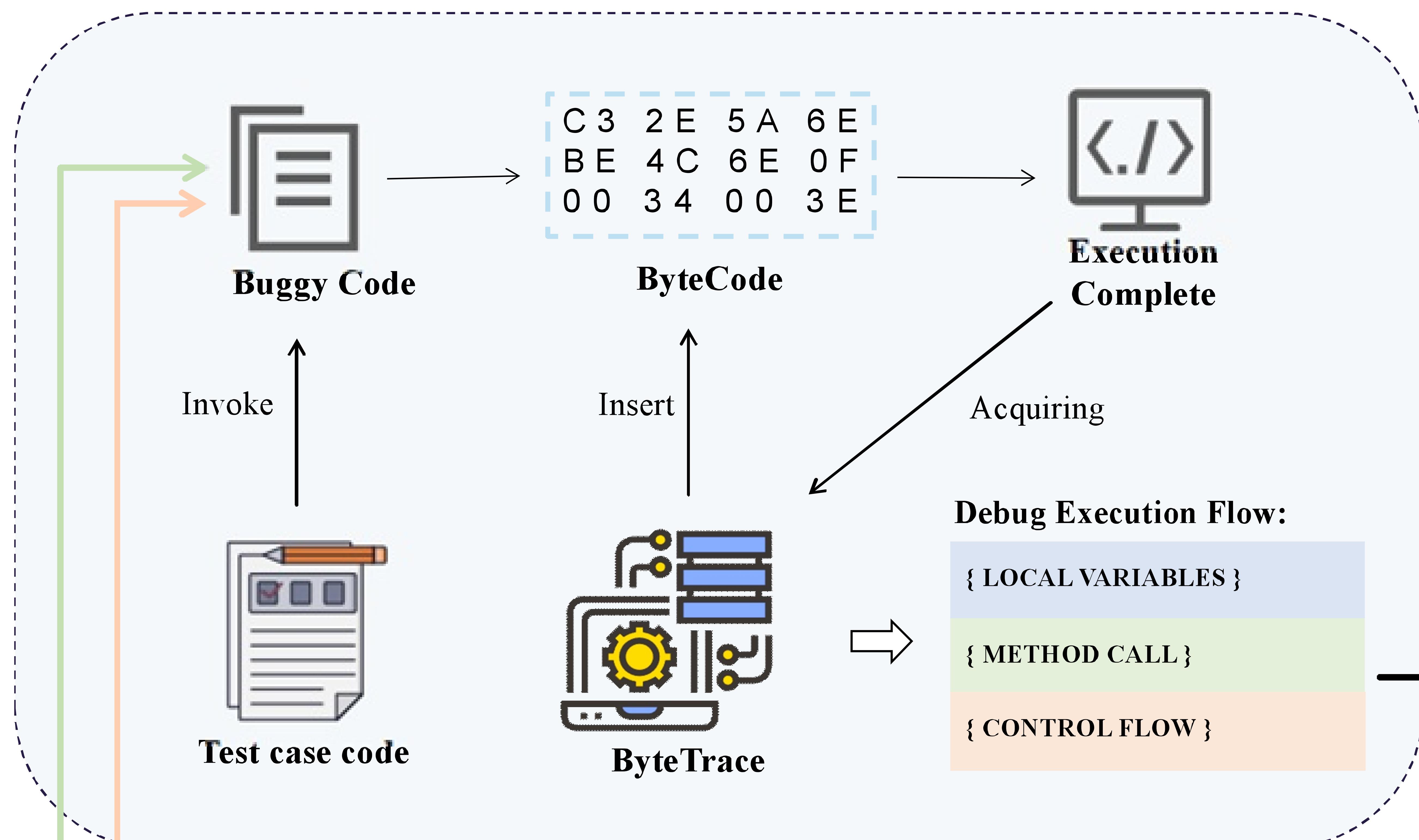
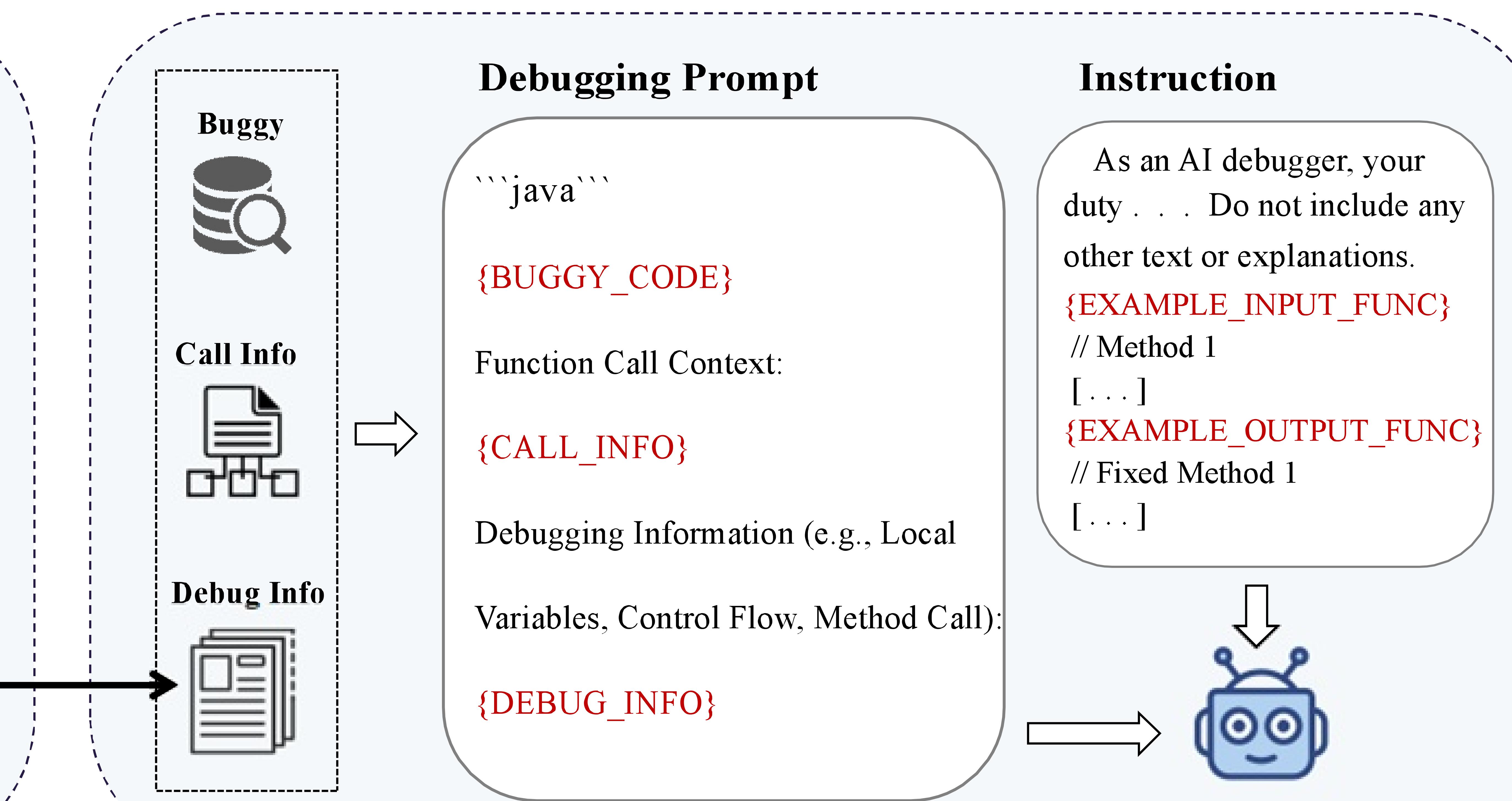


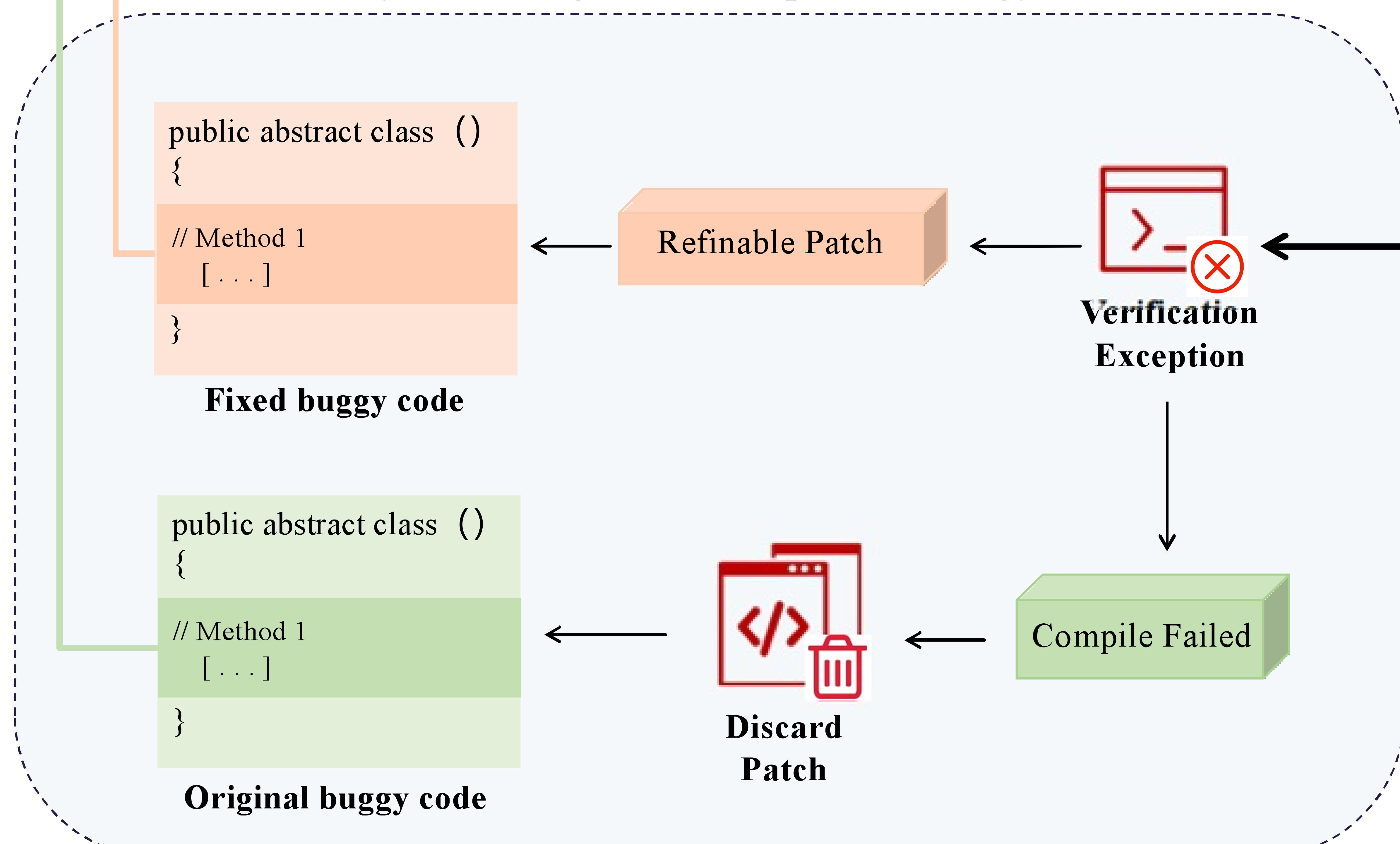
STEP 1: Capturing Execution-Level Dynamic Information



STEP 2: Structured Prompt Construction for Patch Generation



STEP 4: Layered Progressive Repair Strategy



STEP 3: Automated Patch Verification

