Step 3: Automatic Program Repair

Stage 1: Bug Input
- Bug localization results
- Project codebase
- Function Call Tree
- Error Traceback

Stage 2: Non-Agentic/Agentic LLM Response
- Conversation input
- LLM proposed fix

Stage 3: Test
- Insert fixed code into codebase
- Run test cases

In case of failure

New Traceback

Repeat the process