1. Experience Generation

Historical issue

Code repo

SE agent

Trajectory

Patch

Issue Abstraction → Task Description

Trajectory Abstraction → Execution Summary

Evaluation Abstraction → Confidence & Reason

Experience object

```
{
    "issue_id": " "django__django-15902.traj",
    "task_description": "A deprecation warning for...",
    "execution_summary": [
        "Find Files:...",
        "Read Code:...",
        "Analyse Logic:...",
        "Modify Code:...",
    ],
    "evaluation_result": "Pass",
    "confidence": 90
    "confidence_reason": "The patch resolved the warning ..."
}
```

Experience Base → 👩‍🏫 Relevant Experience Object

Retrieve

Inject

New issue

Code repo

SE agent

Call

Agent Tools

File Editing

Command execution

Reasoning   ...

Trajectory

Early termination check

Pass

Fail

Trajectory

Patch

Early termination check → Fail → Reach max iteration? → No
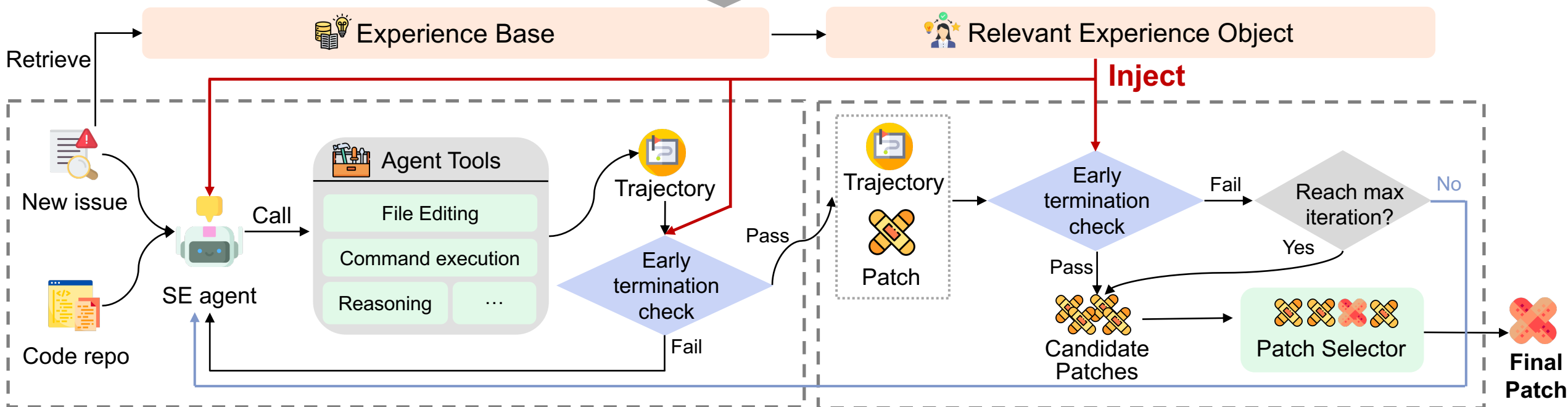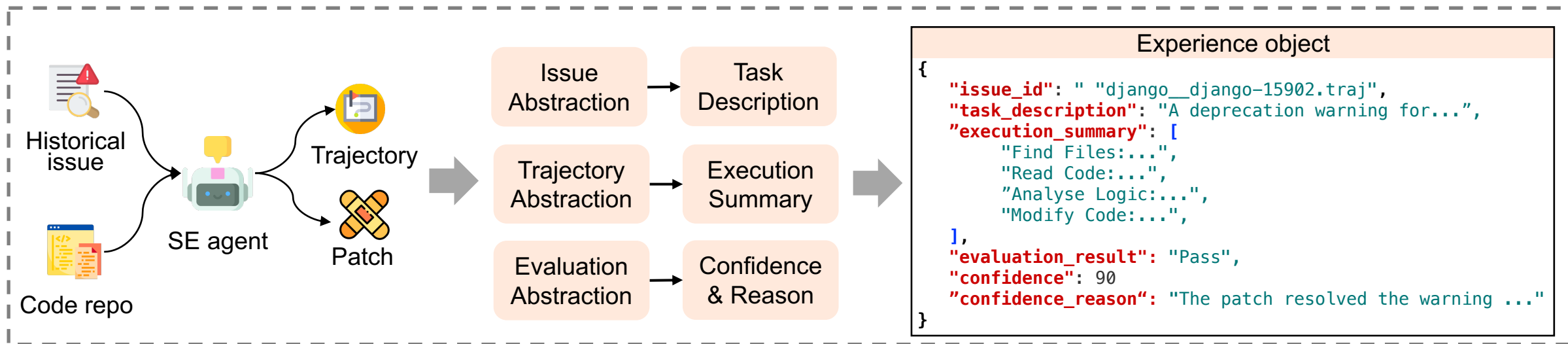
Pass

Yes

Candidate Patches → Patch Selector → **Final Patch**

2. Experience-Driven Patch Generation

3. Experience-Driven Patch Selection