Runtime Code Injection

Background
Experimentation is about testing new functionality on a small fraction of the user base in production environments (e.g., 1% of users).

Goal
Extract code changes directly in the IDE and inject them into the running application without recompiling and redeploying it. Test these code changes immediately in production on a small fraction of the user base and provide feedback within the IDE (e.g., visualize metrics).

1. Extract and classify changes
2. Inject changes into running application as an experiment
3. Provide feedback within IDE

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2 - 4 students