



# AUTO CODE WALKER

Stop reading code. Start experiencing it.



# TABLE OF CONTENTS

01

THE  
ONBOARDING  
BOTTLENECK

02

IN-DEPTH  
ANALYSIS

03

BEHIND THE  
SCENES

04

TECH STACK &  
ARCHITECTURE

05

DEMO  
SCREENSHOTS

06

DEMO VIDEO

# THE ONBOARDING BOTTLENECK

**We've all been there!**

joining a new project, staring at thousands of lines of code, feeling completely lost.

Traditional onboarding is broken!

It forces you to choose between struggling alone or interrupting your team.

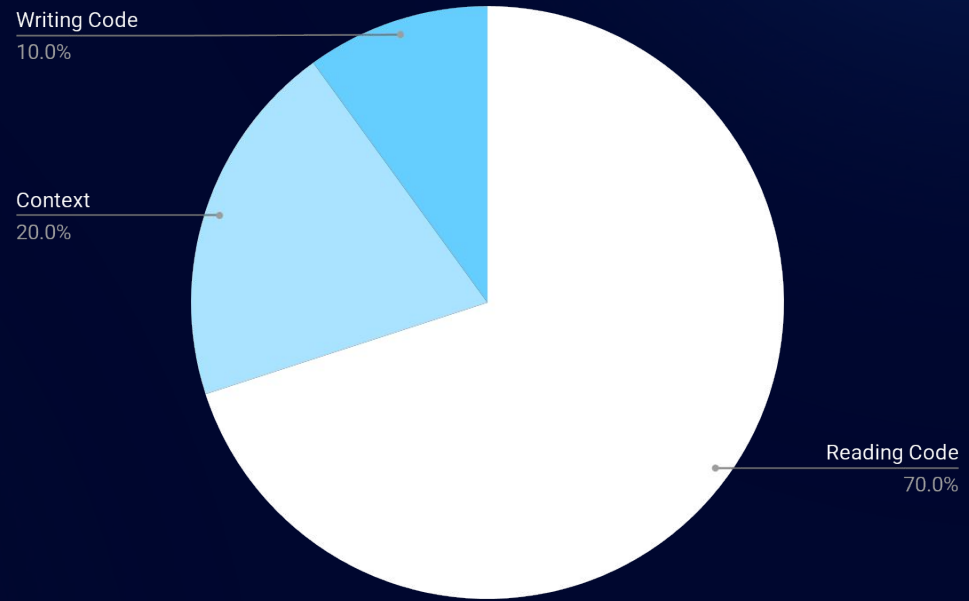
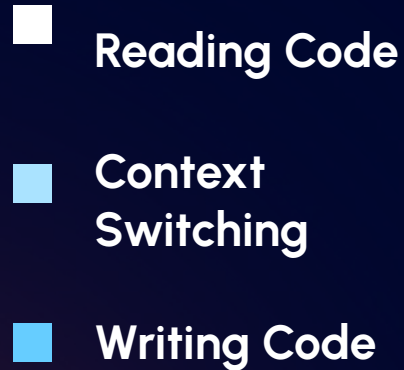


# WHY IT STAYS BROKEN?

- **Context Trap** - New hires spend weeks getting into the code
- **Senior Tax** - Senior lose hours explaining same logic over and over
- **Doc Rot** - External Documentations is disconnected from code and always outdated



# WHERE THE TIME GOES?



# IN DEPTH ANALYSIS AUTO CODE WALKER

## Where time gets lost?

Jumping between files, class  
and function definitions...  
What developers need first?:  
entry points, key  
methods/classes, data  
moving through the system...

## “Where do I start” problem

In complex projects, the  
biggest time sink isn't  
writing code - its  
**understanding existing  
code**



# BEHIND THE SCENES

We started with a simple question: How to help developers and make something useful for them?

We curate what to extract (PSI structure, key identifiers) and shape it into explanations that remain grounded in real code

From plugin architecture and PSI extraction, to walkthrough generation and UI presentation, we aligned on one goal:  
**Reduce confusion and speed up understanding**



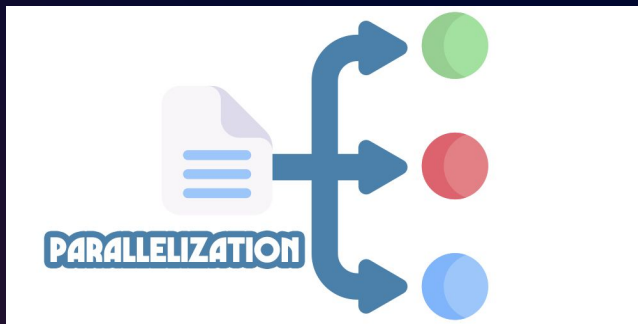
# TECH STACK & ARCHITECTURE

## PSI TREE

We used IntelliJ PSI to extract code structure and map each walkthrough step to exact source locations.

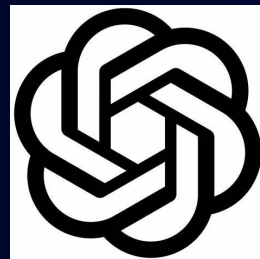
## JAVA PARALLELIZATION

We used Java background threads to run OpenAI requests without freezing the IDE



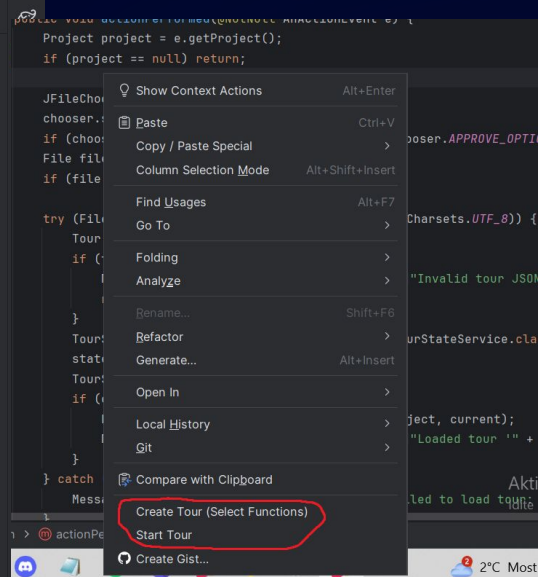
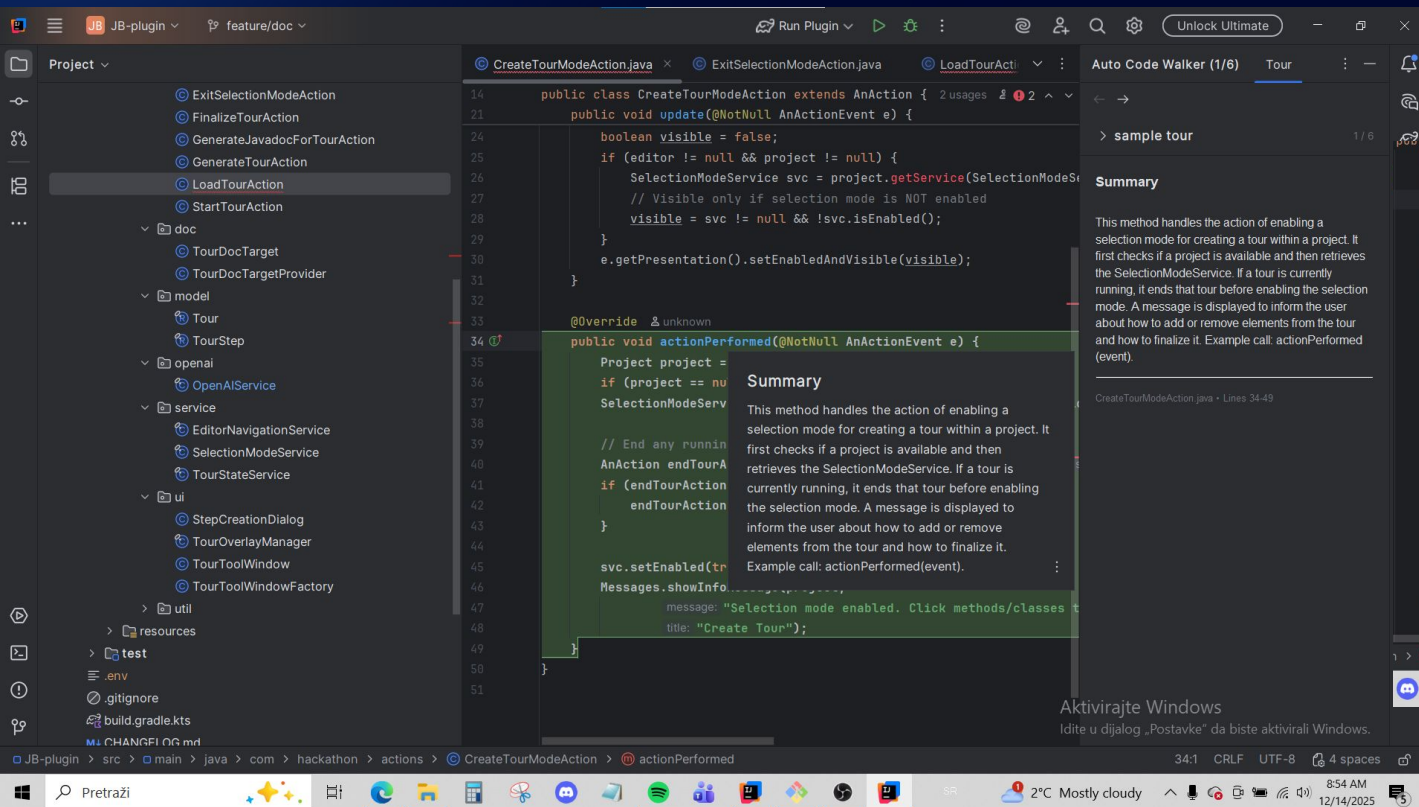
## OPEN AI API

We integrated OpenAI by sending the selected PSI extracted code, so the model returns summarization

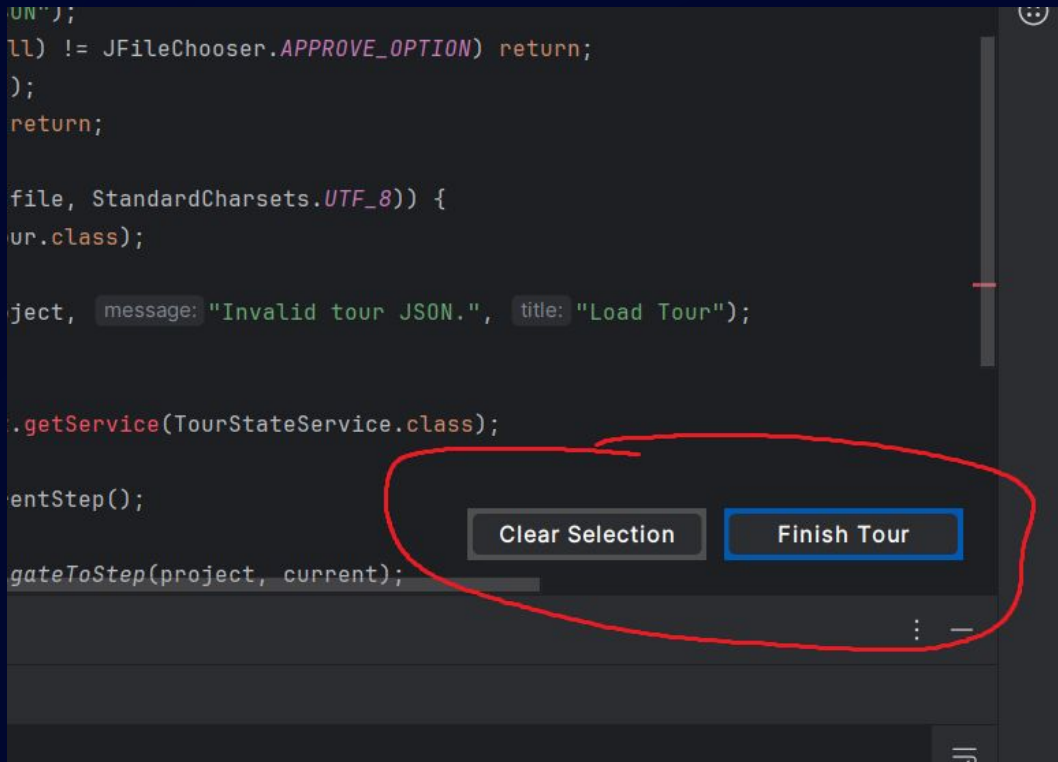
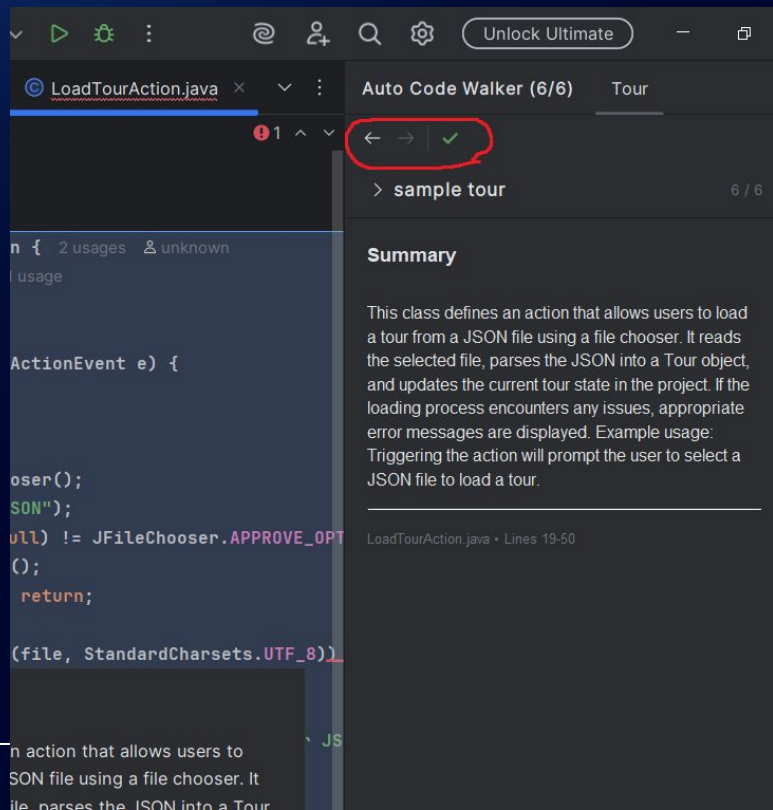




# DEMO SCREENSHOTS



# DEMO SCREENSHOTS



# DEMO VIDEO

