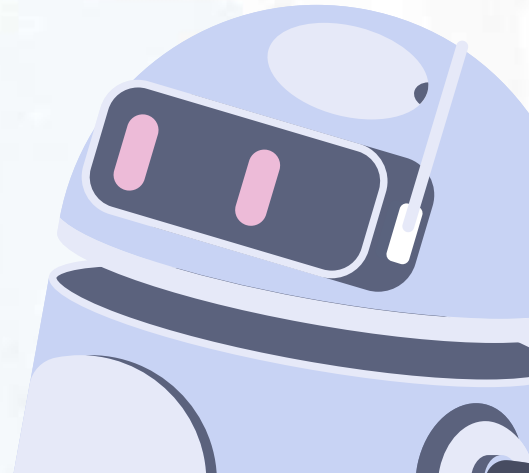


# AI-Driven Testing Revolution: First Steps Towards Building Autonomous Test Agents

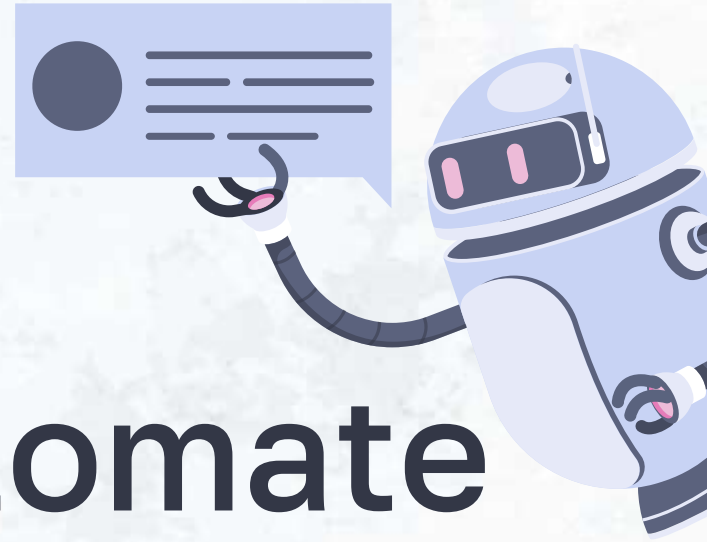


**Majdi ZLITNI**

**AI Community Days Tunis  
08/11/2025**



**What if** an AI  
agent can automate  
the testing for us?



## Manual testing



The endless testing cycle

## Automation testing



The Script Maintenance  
Trap

## Agentic testing



Toward Intelligent Testing  
Era



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01 →

# The Building Blocks of an AI Agent

(AI)

# What's Inside an AI Agent?

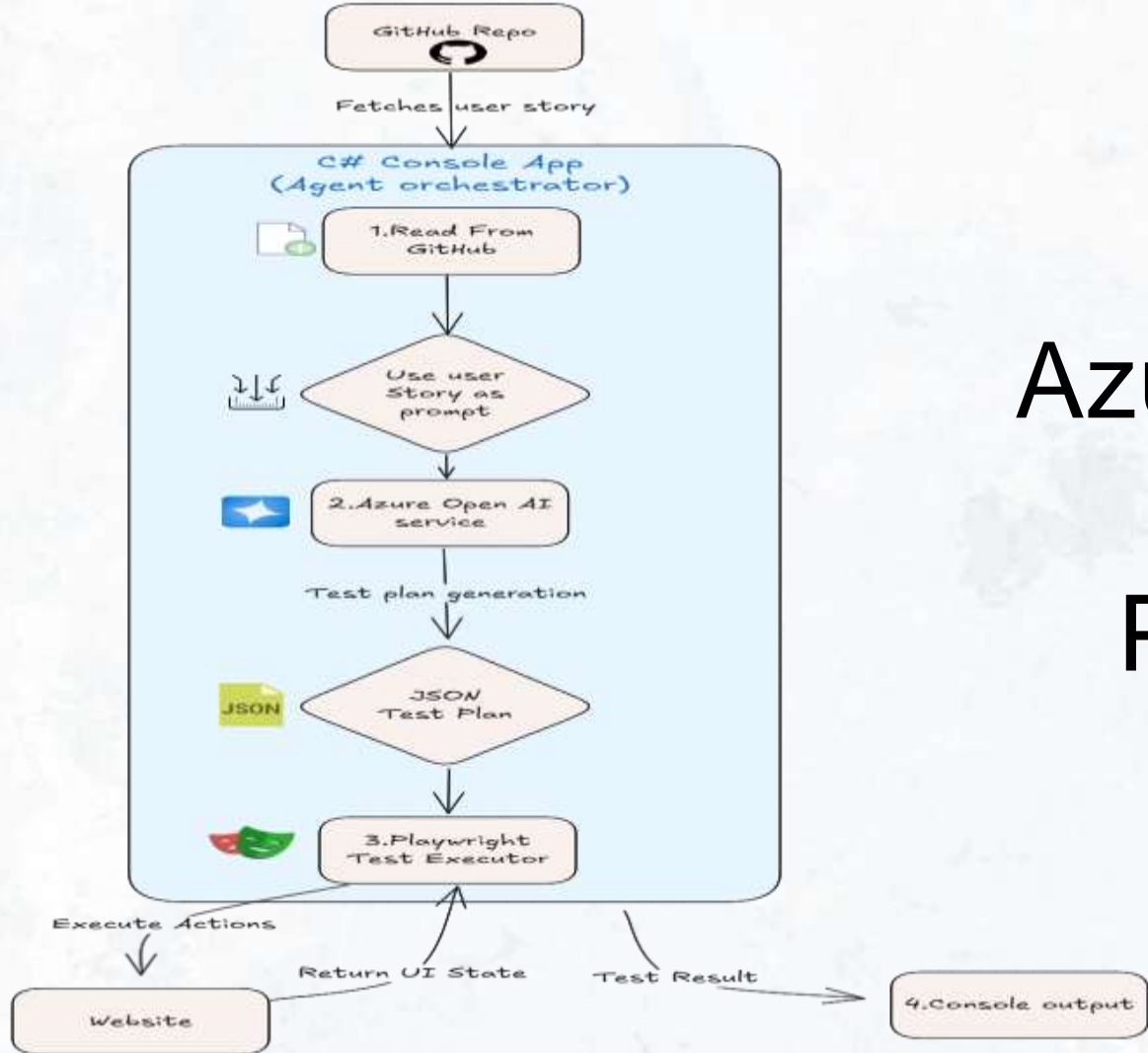
- **LLM (Large Language Model)**
- **RAG (Retrieval-Augmented Generation)**
- **MCP (Model-Context-Protocol): The 'Hands'**



02 →

# **AI Testing Agent a high-level overview**





GitHub

Azure Open AI

Playwright

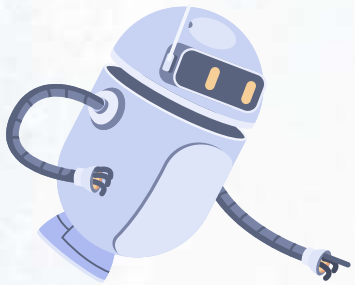
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03 →

**Azure OpenAI**

04 →

**Live Demo!**



# Questions ?

