

Agent Builder™ for testing use cases

UiPath

Build your own AI agents tailored to your software testing needs

Harness a flexible toolkit for building your own AI agents for your testing use cases

UiPath Test Cloud, the full featured testing solution with enterprise-ready, production-grade automation and AI agents for testing enterprise and modern applications, enables teams to deliver high-quality software faster than ever before. So what AI agents can you leverage to accelerate your testing? Introducing **Agent Builder**—a toolkit for building your own AI agents tailored specifically to your unique testing needs. Leverage the power of Agent Builder to engage in agentic testing—the next evolution of software testing where agents augment your testing expertise.

Equip all of your testers with flexible agents – built your way

Build AI agents in an easy-to use, low-code environment

Leverage prebuilt, easily - customizable templates to create agents

Evaluate agents for security and reliability

Meet high standards for deployment with production-grade agents

[Learn more about agentic testing](#)

[Learn more about Test Cloud](#)



Build productivity boosters for testing with Agent Builder

Streamline and accelerate testing with agents that deliver value, such as:

- **Data Retriever**
Find test data for exploratory testing sessions in databases
- **Bug Consolidator**
Identify distinct bugs behind failed test cases after nightly test runs
- **Stability Inspector**
Identify flaky tests, repeatedly failing tests, and false-positives
- **Duplicate Finder**
Analyze test cases in test projects to detect redundant test cases
- **Testing Drone**
Crawl websites, run checks, and report results
- **Result Messenger**
Fetch test results, summarize them, and email stakeholders
- **Compliance Checker**
Find test cases that do not adhere to best practices
- **Resource Scanner**
Find resource-intensive or slow automated tests to parallelize execution



How does it work?

Prompts

Define natural language prompt with goals, roles, variables, and constraints

Context

Use active and long-term memory to inform the plan with Context Grounding

Tools

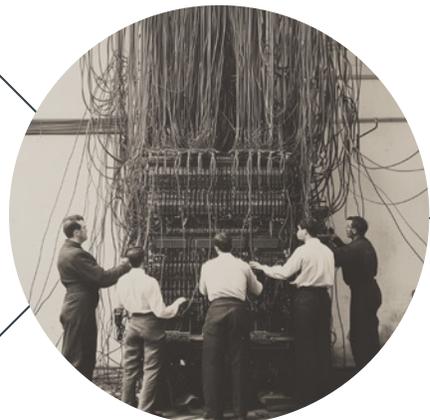
Define UI/API automations and/or other agents that are invoked based on prompts

Escalations

Ask humans for guidance with Action Center or Apps

Evaluations

Test input and output arguments, debug agents, and validate performance



[Learn more about Agent Builder](#)

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