
UiPath
FUSION.
Agentic AI Meets ROI
MILANO

Ingo Philipp

VP, Product Management, UiPath



UiPath

Accelerate the Agentic Enterprise with Agentic Testing



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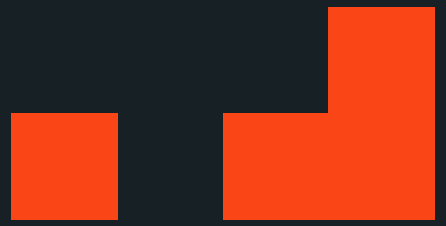
Quick sanity check:
Who enjoys waiting?



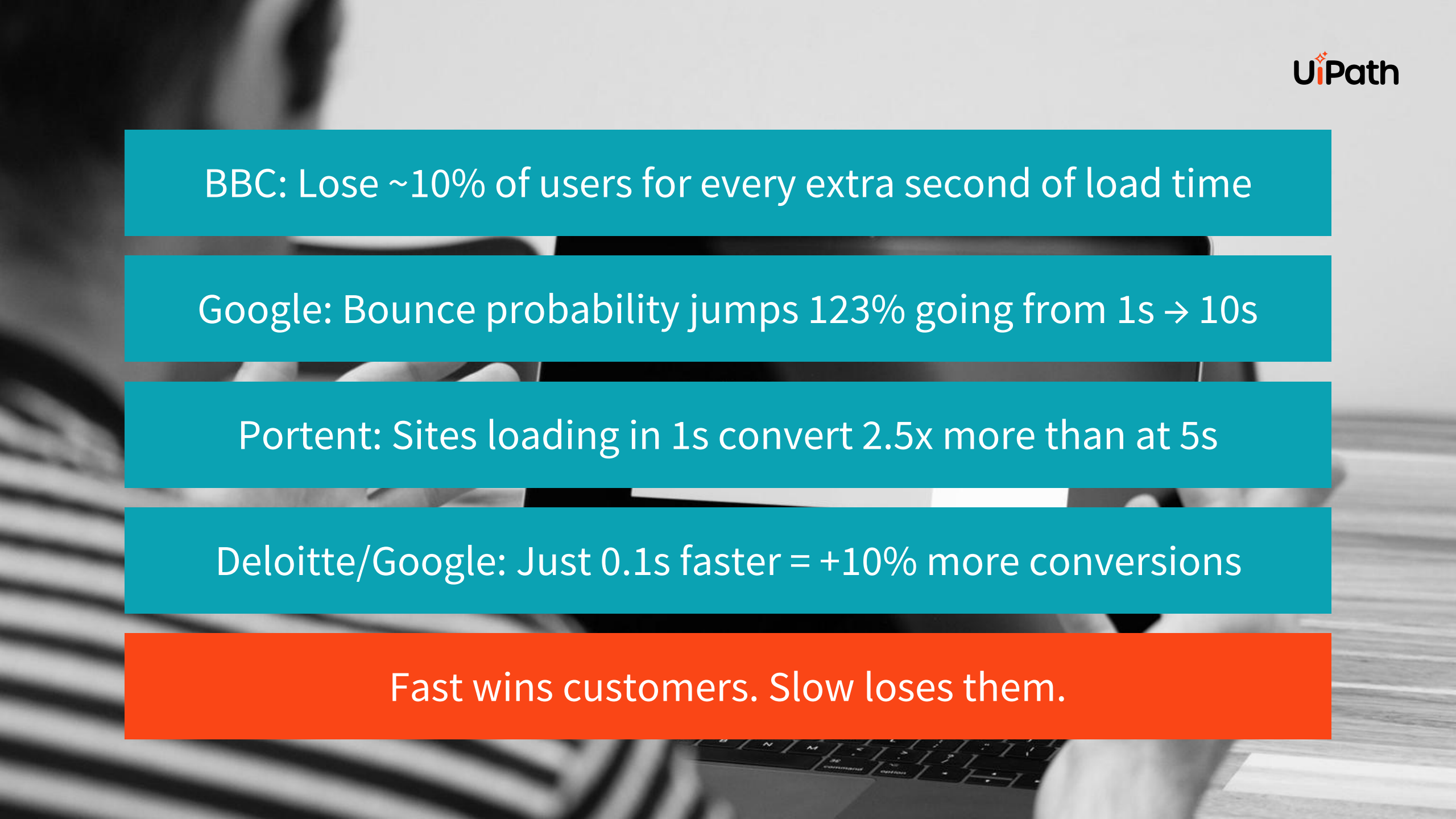

UNITED
Seasonal daily nonstop flights to London on the 787 Dreamliner.
UNITED
Seasonal daily nonstop flights to London on the 787 Dreamliner.
to all Gates
Southwest
Southwest
TSA Pre✓
TSA Pre✓
AIRPORT BAGGAGE CENTER
AIRPORT BAGGAGE CENTER
CLEAR
We are transforming travel
You're cleared for takeoff
Security
Enter Here





Ingo Philipp


LOADING...
MacBook Pro



BBC: Lose ~10% of users for every extra second of load time

Google: Bounce probability jumps 123% going from 1s → 10s

Portent: Sites loading in 1s convert 2.5x more than at 5s

Deloitte/Google: Just 0.1s faster = +10% more conversions

Fast wins customers. Slow loses them.

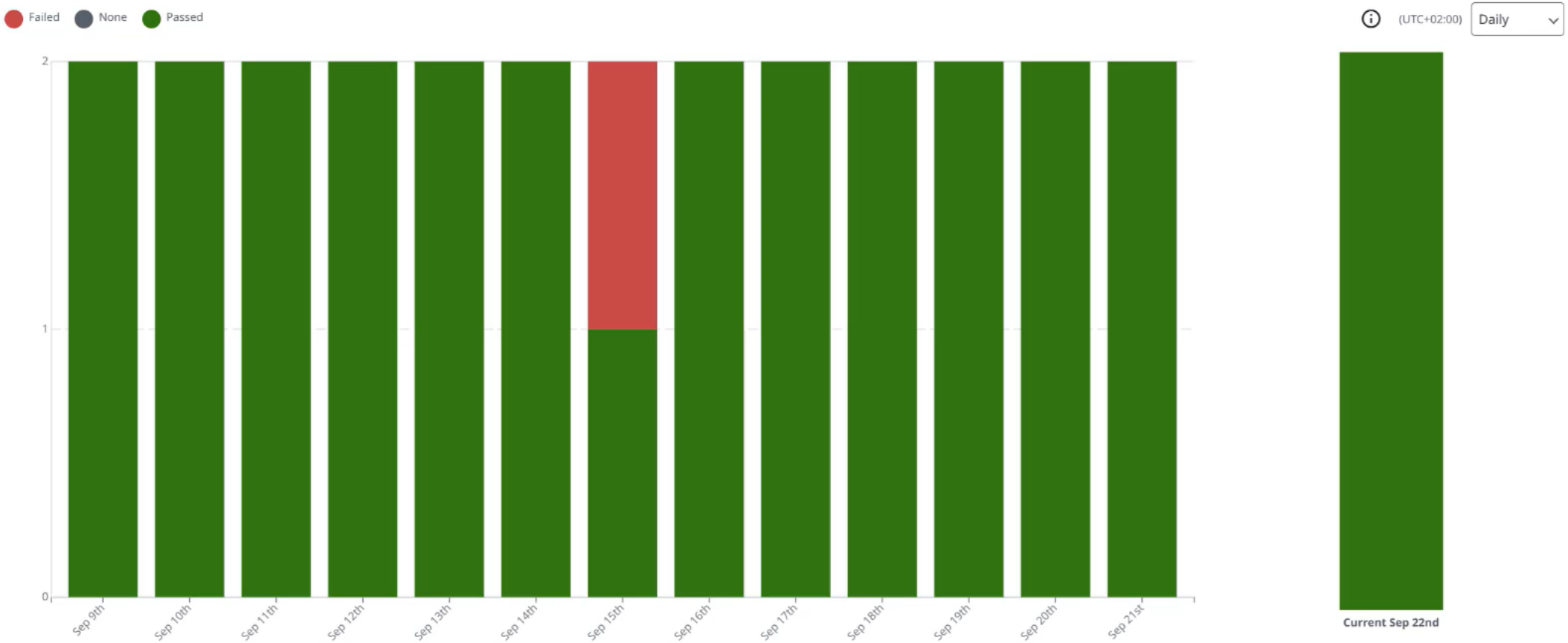
UiPath Test Cloud

Now, with performance testing built in

Dashboard
Requirements
Test Cases
Test Sets
Performance Scenarios
Execution
Project Settings

Overview | Attachments

Results Overview



TOTAL COVERAGE

0%

AUTOMATION RATE

100%

0% only manual | 100% automated

Latest Results

Execution Type	Tests	Execution Finished	Duration	Status	Results

Search with Autopilot

https://staging.uipath.com/testcloud_team/EmeraldKoe/testmanager_/UPT/testcases

Test Cloud just got a major upgrade: 6 reasons it's better than ever

UiPath

Performance Testing

Measure the performance of your application by simulating real-world load both in the cloud & on-prem

Test Governance for Life Sciences

Signatory-led governance and approval workflows for compliant software testing in Life Sciences

Studio Web App Testing

Manage projects in the browser, integrated into Test Manager for streamlined test orchestration

UiPath-Hosted
AC Deployment

Self-Hosted
AS Deployment

Self-Healing Test Automation

Let our built-in AI agents autonomously detect and fix broken automated tests

Autopilot Upgrade

Find outdated tests, use MCP, BYOM, and chat with Autopilot in Test Manager and Studio

Autonomous Test Execution

Let Autopilot execute your manual tests autonomously w/o any coding or scripting

UiPath Agentic Testing



Autopilot for Testers

Agents | People | Robots

Performance testing | Functional testing

Test design
- Change impact analysis
- Test gap analysis
- Test documentation

Test automation
- UI & API automation
- x-platform & x-browser
- Version control

Test execution
- CI / CD integrations
- Manual & exploratory
- Self-healing execution

Test management
- ALM tool integrations
- Test data management
- Reporting & analytics

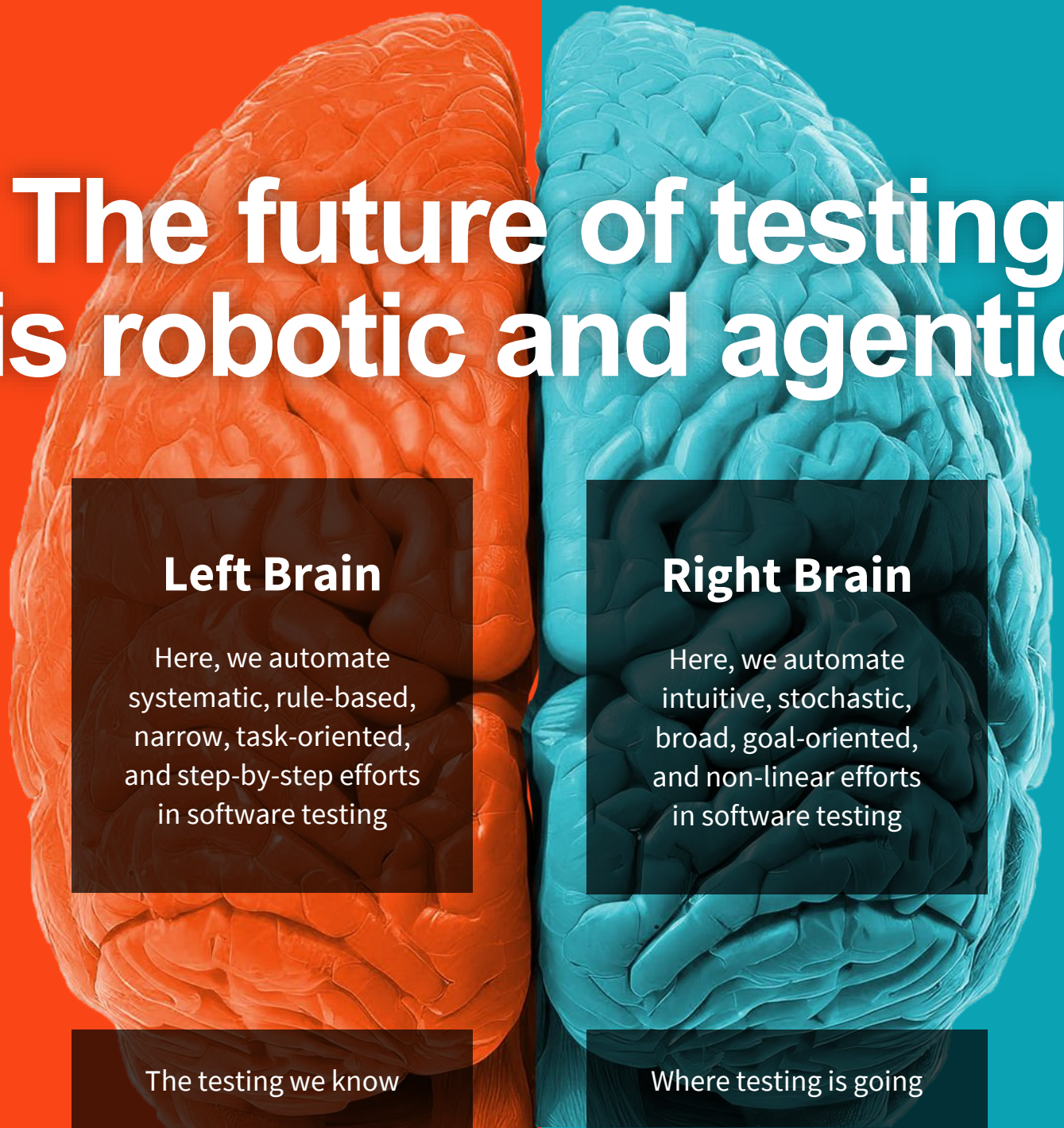
FOUNDATION

Security & governance | Production-grade architecture | Low-code & pro-code | AI trust, context, models

Test across all major platforms, interfaces, and ecosystems: web, desktop, mobile, API, mainframe, SAP, and more

Test 190+ technologies, including:

The future of testing is robotic and agentic



Left Brain

Here, we automate systematic, rule-based, narrow, task-oriented, and step-by-step efforts in software testing

Right Brain

Here, we automate intuitive, stochastic, broad, goal-oriented, and non-linear efforts in software testing

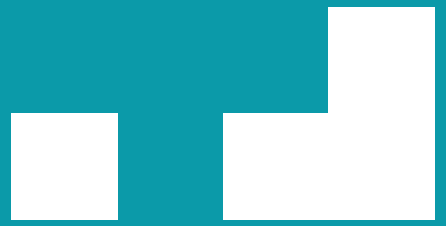
The testing we know

Where testing is going

UiPath

Agentic Testing

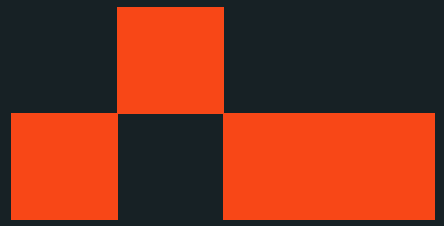
It's AI that works with you, not instead of you



UiPath

Augmenting testers with AI agents to extend, simplify, and accelerate their work

We aim to empower every tester to be the best, always



Where our built-in AI meets your tailor-made AI

UiPath

01

Built-in AI Agents

Harness a broad collection of built-in & customizable AI agents across the lifecycle

UiPath Agents

02

Custom AI Agents

Build your own AI agents tailored specifically to your unique testing needs

Your Agents

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Assisting testers from start to finish with built-in agents by Autopilot

UiPath

Test Design	Test Automation		Test Management
Detect obsolete manual tests	Leverage Screenplay for test automation	Auto-heal test automation	Run manual tests autonomously
Build specialized Autopilots	Generate low-code test automation	Identify and fix validation errors	Chat with Autopilot
Generate tests for SAP transactions	Perform fuzzy verifications	Generate UI & API test automation	Search project in natural language
Generate tests for requirements	Generate test data & expressions	Refactor test automation	Import manual tests from Excel
Evaluate quality of requirements	Generate coded test automation	Vibe-code test automation	Generate test insights reports

AI Trust Layer - Usage Auditing, Cost Control, Context Grounding (RAG), Feature Governance, PII Masking, MCP, BYOM

UiPath Test Cloud

https://cloud.uipath.com/testcloudteam

UiPath Test Cloud

Good morning, Emerald Koe

Agentic testing: Rebooting software testing

A new era for testing combines software testers and AI-powered agents, to tackle even the most complex end-to-end test scenarios with ease

Read the blog →



Test Manager Projects

- **SAP S/4 HANA Integration Testing** — Last updated: today
- **Oracle Fusion User Acceptance Testing** — Last updated: 4 days ago
- **Epic EHR System Performance Testing** — Last updated: 5 days ago
- **SAP S/4 HANA Migration Testing** — Last updated: today
- **ServiceNow ITSM Upgrade Testing** — Last updated: 3 days ago
- **Workday HCM Data Migration Testing** — Last updated: 3 days ago
- **Salesforce Lightning Regression Testing** — Last updated: 1 day ago
- **Oracle eBusiness Suite Load Testing** — Last updated: 12 days ago
- **Microsoft Dynamics 365 Testing** — Last updated: 1 day ago
- **Peoplesoft Campus Functional Validation** — Last updated: 2 days ago

Popular Testing Templates

Template

UiPath Test Report Generator

Automatically generate detailed test reports, including flaky tests, false-positives, logs, performance metrics,...

Try it

Template

UiPath Test Data Anonymization

Mask and anonymize sensitive test data to ensure compliance with data privacy regulations during...

Try it

Template

UiPath Test Environment Provisioning

Automate the setup and configuration of test environments, reducing time spent on provisioning and ensuring consistent...

Try it

Template

UiPath Test Execution Template

Streamline the execution of test cases, ensuring consistent, error-free, and repeatable test runs for improved quality...

Try it

Supercharge your testing from start to finish

Automate testing tasks online, on any operating system. No installs needed.

Start in Studio Web

Need to automate tests on desktop applications like SAP WinGUI?

Download Studio Desktop

What's New

Leverage RAG when generating tests with Autopilot in Test Manager
Release Notes

Link automated to manual tests from both Studio and Test Manager
Release Notes

Synchronize automated tests in Test Manager to SAP Cloud ALM now
Release Notes

Generate pre- and post-conditions for your manual tests with Autopilot
Release Notes

Resources

Have questions?
Visit our FAQs

Join our community
Visit our Forum

Technical issues?
Contact our Support

What you've just seen is only a glimpse—Autopilot extends far beyond this

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UiPath

Autonomous test execution

Powered by self-healing, computer-use, and operator technology



UiPath Test Manager

https://cloud.uipath.com/testcloudteam

UiPath Test Manager | UiBank Web Application

- Dashboard
- Requirements
- Test Cases
- Test Sets
- Test Results
- Project Settings

Search with Autopilot

Projects > UWE

Overview | Attachments



Open Defects

2

0 closed | 2 critical | 0 moderate

Total Coverage

82%

Automation Rate

88%

12% manual | 88% automated

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Explorer

UiPath Data Retriever Solution
UiPath Data Retriever Agent
Definition
Evaluation sets
Evaluators

Apps
Assets
Business rules
Connections
Context
Processes
Queues
Storage buckets
Task catalogs

Score: Good 64%

Form | Canvas

Autonomous

General

Arguments

System prompt *

```
# Goal & Purpose
You are a Data Retriever Agent designed to assist testers in finding relevant test data in their environment, enabling them to focus on what truly matters during exploratory testing—rapidly identifying issues in software applications.

By removing time-consuming tasks such as data location and preparation, you allow them to spend more time testing and less time configuring.

# Responsibilities
Your responsibility is to use the available tools to identify the best match data in the database of the UiBank based on the user's natural language query in {{Query}}. The user can either search for a customer and their associated loans or for a loan and its associated customer. When users search for anything else, respond with a short message indicating the query cannot be processed.

#Response Format
Display the data in two sections. Use bold, un-bulleted headings for each section (e.g. Customer Details, Loan Details). Under each heading, list the relevant fields as plain-text bullet points. Use no JSON, and no extra explanatory commentary.

# Quality Standard
Ensure that the retrieved data is accurate, aligns with the user's query, and is free of hallucinations.
```

User prompt *

The user provides search instructions in natural language in {{Query}}.

Tools

Add tool

Enable the agent to access data and perform actions.

- Convert Query (UiPath Query Translator) — Converts the user's natural search query into SQL.
- Process SQL (UiPath SQL Processor) — Execute SQL and provides results in an easy-to-read list.

Execution Trail | History 10 | Evaluations 3

Agent score Preview

Recalculate

64 Good

Calculated 2 months ago

Prompt 56
Prompt analysis, focused on clarity, completeness, consistency, chain of thought and demos.

Tools 94
Tools, contexts and escalation tools analysis, focused on documentation, completeness and alignment to agent's task.

Input Schema 65
Penalize missing or irrelevant placeholders

Evaluations 55
Datasets relevance for evaluating agent's performance. Focused on number of samples, task alignment, dataset diversity and associated traces' diversity.

Learn what impacts your agent's score and how to improve it.
Start a guided walkthrough or read our documentation

Top 8 agents built by our customers and partner during Agent Hack

UiPath

Data Retrieval	Targeted Testing	Control Testing	Test Optimization
Helps finding test data for exploratory testing using natural language	Runs only those test cases that are impacted by recent code changes	Automates policy checks, SOX control updates, and evidence capture	Identifies anomalies, redundant tests, and pinpoints flaky tests
Green Testing	**Release Testing**	**Reuse Detection**	**Test Generation**
Runs tests in low emission time slots to save cost & CO_2	Generates, runs, and optimizes test sets for Salesforce	Finds reusable workflows to avoid duplicate work	Builds and updates test cases from UI as well as DOM changes

Build what you need, whenever you need it, your way



One by one, they focus—together, they simplify and accelerate testing

UiPath

Data Retrieval	Targeted Testing	Control Testing	Test Optimization
Helps finding test data for exploratory testing using natural language	Runs only those test cases that are impacted by recent code changes	Automates policy checks, SOX control updates, and evidence capture	Identifies anomalies, redundant tests, and pinpoints flaky tests
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Individually sharp, collectively unstoppable—testing, accelerated



One agent. 8,000 hours/year saved. $260,000/year recovered.

UiPath

Data Retriever

Helps finding test data for exploratory testing using natural language

- Searching for a single test data record takes ~6 mins
- A day of exploratory testing involves ~30 searches/tester
- That's 30 × 6 = 180 mins/day = 3 hours/day per tester
- They are not alone: 58 testers across the organization
- Exploratory testing is performed about 1 day per week
- That's 30 × 6 × 58 = 174 hours/week spent searching
- 174 hours/week × 46 work weeks ~ 8,000 hours/year
- At $32.50/hour that's a **savings of ~$260k per year**
- Built by one software tester in just 2 days—that's ROI



An agent's value isn't in doing it all — it's in doing one thing exceptionally well

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Your Agents

Dashboard
Requirements
Test Cases
Test Sets
Performance Scenarios
Execution
Project Settings

Projects > UAP > Requirements

Search... | Columns | Filters | Views | + Create Requirement

Key	Name	Description	Last Modified	Priority	Owner
UAP:24	Create Loan Request	As a potential UiBank customer, I want to seamlessly apply for a loan vi...	3 months ago	Low	Richard Roe
UAP:23	Upload Loan Papers	As a loan applicant, I want to upload my loan documents securely and ...	3 months ago	High	Sophie Soe
UAP:22	Determine Insurance Cost	As a life insurance app developer, I want to create a feature that calcula...	3 months ago	Medium	Emerald Koe
UAP:21	Activate Recourse Plan	The attached flowchart in BPMN format details the process for handlin...	3 months ago	Low	Emerald Koe
UAP:20	保険料を計算する	生命保険アプリ開発者として、ユーザーが保険料を理解できるように、さ...	3 months ago	Low	Richard Roe
UAP:19	Anmeldung Einrichten	Als neuer Nutzer möchte ich über die Webanwendung ein UiBank-Kont...	3 months ago	Medium	Sophie Soe
UAP:18	Shop Books Online	As a customer (user) of ReadersHeaven, an online bookstore, I want to ...	3 months ago	Medium	Emerald Koe
UAP:17	Process Sales Order	As an SAP user, I want to process the VA01 transaction for creating stan...	3 months ago	Low	Emerald Koe
UAP:16	Initiate Loan Process	As a potential UiBank customer, I want to seamlessly apply for a loan vi...	3 months ago	Medium	Richard Roe
UAP:15	Dynamic Discounts	In the attached Word document, you'll find a dialogue between Ingo an...	3 months ago	Medium	Sophie Soe
UAP:14	Calculate Discounts	As a user, I want the system to calculate discounts on my bill based on ...	3 months ago	Low	Emerald Koe
UAP:13	Enroll New Users	As a new user, I want to be able to register for a UiBank account via the...	3 months ago	Medium	Emerald Koe
UAP:12	Manage Transfers	As a registered UiBank user, I want to be able to transfer funds betwee...	3 months ago	Medium	Richard Roe
UAP:11	Calculate Premium	As a life insurance app developer, I want to create a feature that calcula...	3 months ago	High	Sophie Soe
UAP:10	Submit Loan Request	As a potential UiBank customer, I want to seamlessly apply for a loan vi...	3 months ago	High	Emerald Koe

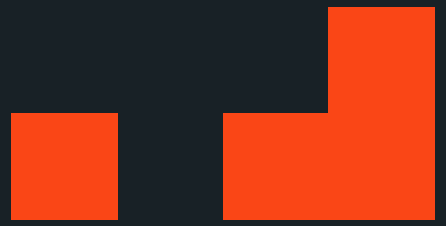
1 - 15 of 15 | Page 1 / 1 | Show 25

Search with Autopilot

UiPath

To move beyond one-off transactions to full lifecycle goal-driven collaboration

From one-time tasks to all-time teamwork



Agentic testing is real—it's delivering real value to real customers today

UiPath

> *At Cisco, our GenAI testing roadmap centers on leveraging UiPath LLM capabilities throughout the entire testing lifecycle, from creating user stories to generating test cases to reporting, while ensuring seamless integration with code repositories. By using synthetic data and GenAI technologies, we've significantly reduced our reliance on production data, creating test data in real-time and simplifying our testing framework. With the power of Autopilot, we're equipped to* ***eliminate manual testing by 50%*** *reduce the tools used in our testing framework, and reduce dependency on production data for testing.*

Rajesh Gopinath, Senior Leader, Software Engineering, Cisco





UiPath Test Cloud

Tools for the new rules—agentic testing for the enterprise


UiPath
FUSION.
Agentic AI Meets ROI
MILANO