

QF-TEST[®]



The Tool for Professional UI Test Automation
Test Desktop, Web & Mobile Applications Simply and Efficiently

QF-Test Special Webinar

AI Agents in Action

New Efficiency with QF-Test 11 through AI and MCP

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17.08.2026

Agenda

1. **AI and QF-Test**
2. **Connecting AI Models**
3. **AI Data Generation**
4. **AI Generation of Test Suites**
5. **The AI-Instruction Node**
6. **QF-Test and MCP**

AI in QF-Test



- **Generate tests exploratively or from documentation**
- **Integrate AI instructions and decisions into tests**
- **“Bring your own model”**

AI with QF-Test



- **Control QF-Test and third-party applications with Claude Code etc.**
- **MCP-Toolkit: Making Any Application AI-Ready**

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Connecting AI Models

The screenshot shows the 'Options' dialog box in QF-Test. The left sidebar lists various options categories, with 'Artificial Intelligence' selected. The main panel is titled 'Large Language Model integration options' and contains a checkbox for 'Block AI features', a descriptive paragraph about blocking AI features, and a table of AI configurations.

QF-Test Options

Search for options

- > General
- > Test management
- > Record
- > Replay
 - SmartID and qfs:label
 - Android
 - iOS
- > Web
 - SWT
 - UI Inspector
- > **Artificial Intelligence**
 - MCP & Agent Skills
 - AI Security

Large Language Model integration options

☐ Block AI features

Blocking means you can't use new or current AI features in QF-Test.
What will be blocked: AI suite generation, AI instruction, Text check with AI, the MCP server, and the AI scripting module.

+ - ✖ ⬆ ⬇ AI Configurations

Type	Name	URL or path	API Key	Model name
Claude Code CLI ▾	claude	C:\Users\daniel\local\bin\claude.exe		claude-sonnet-5
Anthropic ▾	default	https://ai-gateway-example-url.com/v1	sEcr3t4p1K3y	chat/default
Ollama ▾	localAI	http://localhost:12345		glm-4.7-flash
Github Copilot ... ▾	github			

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AI Data Generation

- **AI creates tabular data according to prompt**
- **@mcp/prompts - overridable**



qfs-ai.qft

Contains @mcp/prompts, @mcp/tools and utility methods

Overridable in custom suites (Options > "MCP & Agent Capabilities")

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AI Generation of Test Suites

- **Generates test draft**
(uses @mcp/prompt "Generate Suite")
- **Explores the application independently**
(uses QFS-MCP Tools)

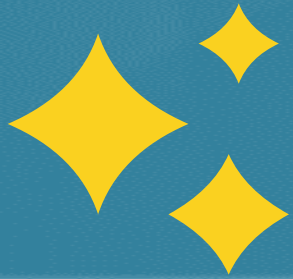


AI Generation of Test Suites

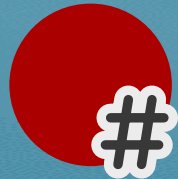
DEMO

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AI-Instruction Node



- Executes prompt using QFS-MCP Tools
- Conversion by activating recording before execution



AI-Instruction Node

DEMO

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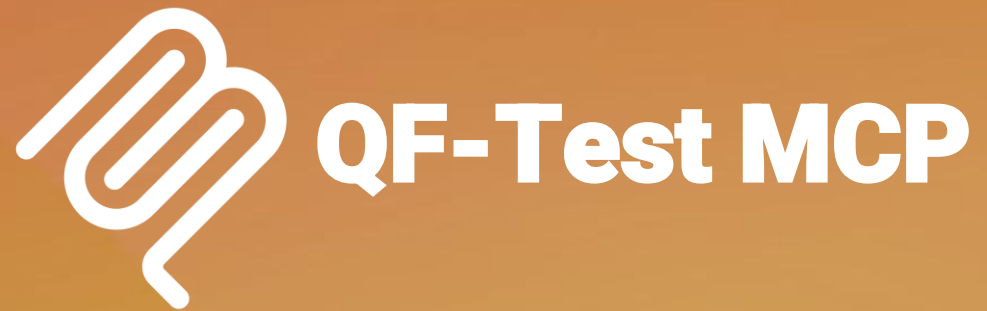
QF-Test MCP

- Tools for QFS-MCP Server
- Tools can be defined as QF-Test procedures (@mcp/tools)
- (De)activate for internal/external use in options ("AI Security")



Annotations for Custom Tools/Prompts

Annotation	Meaning
@mcp/prompts	Procedures in this package are prompts
@mcp/tools	Procedures in this package are tools
@mcp/name abc	Overrides default name of prompts/tools
@param abc	Parameter used in the tool (mandatory if description starts with "(Required)")
@param reason	AI must provide a reason why the tool is being used (Logging)
@return	Return value of the tool
@nodebug	Disable debugging for this node



DEMO

Conclusion

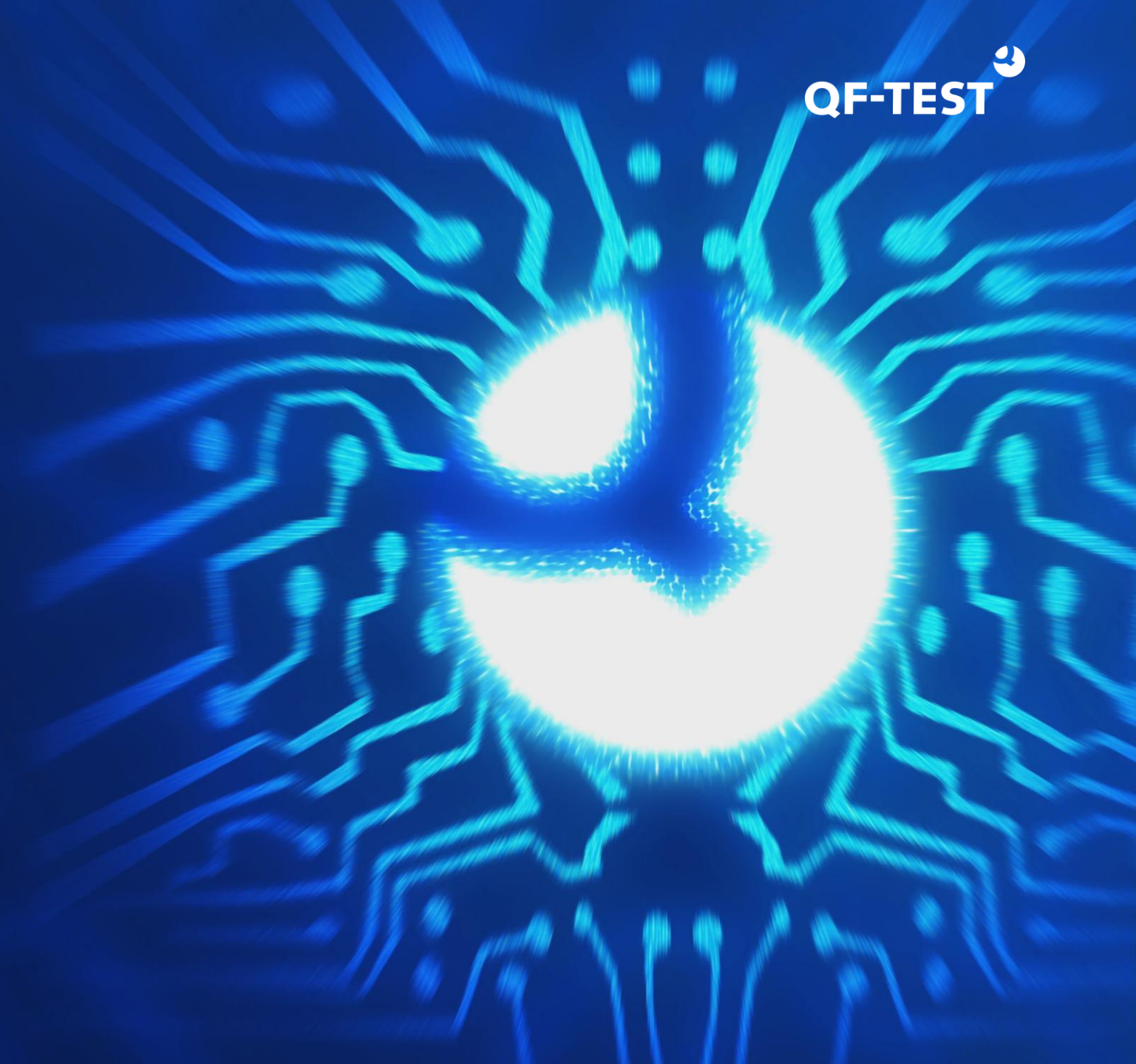
QF-Test 11 brings powerful AI tools for test generation and execution.



The innovative MCP-Toolkit enables integrating previously non-AI-capable applications into agentic workflows.



**THANK
YOU!**



Q&A

