



AutomationSTAR
AMSTERDAM 10-11 NOV. 2025

TRACK TALK

Robot Framework: Latest News & Updates

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Agenda

- Welcome
- Latest news & updates
 - Robot Framework core
 - Ecosystem
 - Robot Framework Foundation
- Live demos included!



Robot Framework core



Robot Framework 7.0

- Released in January 2024
 - [https://github.com/robotframework/robotframework/
blob/master/doc/releasenotes/rf-7.0.rst](https://github.com/robotframework/robotframework/blob/master/doc/releasenotes/rf-7.0.rst)
- Main features
 - Major enhancements to listeners
 - VAR syntax
 - JSON result format
 - Argument conversion enhancements

Robot Framework 7.1

- Released in September 2024
 - [https://github.com/robotframework/robotframework/
blob/master/doc/releasenotes/rf-7.1.rst](https://github.com/robotframework/robotframework/blob/master/doc/releasenotes/rf-7.1.rst)
- Main features
 - Further enhancements to listeners
 - Enhancements to VAR syntax
 - Clickable output file paths on console

Robot Framework 7.2

- Released in January 2025
 - [https://github.com/robotframework/robotframework/
blob/master/doc/releasenotes/rf-7.2.rst](https://github.com/robotframework/robotframework/blob/master/doc/releasenotes/rf-7.2.rst)
- Main features
 - GROUP syntax
 - JSON output during execution

Robot Framework 7.3

- Released in May 2025
 - [https://github.com/robotframework/robotframework/
blob/master/doc/releasenotes/rf-7.3.rst](https://github.com/robotframework/robotframework/blob/master/doc/releasenotes/rf-7.3.rst)
- Main features
 - Variable type conversion
 - Timeout related fixes and enhancements

Robot Framework 7.4

- To be released in November 2025
 - [https://github.com/robotframework/robotframework
/blob/master/doc/releasenotes/rf-7.4b2.rst](https://github.com/robotframework/robotframework/blob/master/doc/releasenotes/rf-7.4b2.rst)
- Main features
 - Secret variables
 - Type hints to standard libraries

Ecosystem



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Editing

- RobotCode
 - Robot Framework plugin for VSCode and PyCharm
 - LSP based so can be integrated also with other editors
 - <https://robotcode.io>
- RoboCop
 - Linter and formatter for Robot Framework data
 - <https://robocop.readthedocs.io>

Web testing

- Browser
 - Uses Playwright internally
 - New “Browser batteries” install dependencies automatically
 - <https://robotframework-browser.org>
- SeleniumLibrary
 - Uses Selenium internally
 - Newish Selenium manager helps with dependencies
 - <https://github.com/robotframework/SeleniumLibrary>

GUI testing

- PlatynUI
 - Cross-platform solution for UI test automation
 - Not production ready yet
 - <https://github.com/imbus/robotframework-platynui>
- RoboSAPiens
 - SAP GUI automation for humans
 - <https://github.com/imbus/robotframework-robosapiens>

REST API testing

- OpenApiTools
 - Set of libraries centered around the OpenAPI Specification
 - <https://marketsquare.github.io/robotframework-openapitools>
- SchemathesisLibrary
 - Generates tests based on OpenAPI and GraphQL schemas
 - <https://github.com/aaltat/robotframework-schemathesis>

Result visualization

- Robot Framework Dashboard
 - Provides insight on results across multiple runs
 - <https://github.com/timdegroot1996/robotframework-dashboard>
- Robot Framework Metrics
 - Performance metrics for a single run
 - <https://github.com/adiralashiva8/robotframework-metrics>

New domains

- rfswarm
 - Makes Robot Framework a performance testing tool
 - <https://github.com/damies13/rfswarm>
- Robotmk
 - Makes Robot Framework a universal monitoring tool
 - Plugin to [Checkmk](#)
 - <https://robotmk.org>

AI

- robotframework-heal
 - Library agnostic self-healing and smart recovery tool
 - <https://github.com/manykarim/robotframework-heal>
- rf-mcp
 - Transform natural language into production-ready tests
 - <https://github.com/manykarim/rf-mcp>

Foundation

Robot Framework Foundation

- RoboCon 2026
 - <https://robocon.io>
- Certifications
 - <https://cert.robotframework.org>
- Growing steadily
 - 80+ member companies
- Visit our booth at AutomationSTAR!

Questions?

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