

Micro Focus UFT One

Accelerate and simplify end-to-end functional testing with one intelligent solution that builds and automates tests for enterprise apps using embedded AI-based capabilities.

What's New over the Last Two Years?

Welcome to the UFT Family

The Micro Focus UFT Family of integrated functional testing solutions enables customers to test earlier and faster by delivering AI-driven test automation across an unparalleled range of technologies; on the most popular browsers, mobile devices, operating systems, and form-factors; from the cloud or on-premises; to deliver the speed and resiliency required to achieve automation at scale that is tightly integrated with an organization's current DevOps toolchain.

AI-Powered Intelligent Test Automation

Simplify and improve test creation, execution, and maintenance through AI-powered intelligent automation. AI-based machine learning and advanced OCR provide for advanced object recognition, and when combined with AI-based mockup identification, AI-based recording, AI-based text matching, and image-based automation, teams can reduce test creation time and test maintenance efforts, and boost test coverage and resiliency of testing assets.

- **Advanced Object Recognition.** Streamline test creation and execution by more naturally identifying objects, similar to how a human "sees" them. This is enabled through AI-based machine learning and advanced optical character recognition (OCR).
- **Object interaction.** Increase test resiliency by interacting with visual objects on the screen the same way as a user would. UFT One's Neural Network understands each object and its context and manipulates it in a natural way. Together, UFT One's AI-based object recognition and object interaction allow a single script to run on multiple different platforms.

- **Natural language test script creation.**

Reduce test creation time and ease test maintenance with UFT One's Natural Language Processing (NLP) engine, which enables tests to be written in simple English.

- **AI-Based test execution.** UFT One combines AI-based object recognition, object interaction, and natural language script creation to allow tests to be quickly written and executed on multiple different platforms without requiring any modification, increasing test accuracy, resiliency, and velocity

Next Generation Object Spy

Enjoy a new object-spying experience with this new spying tool, currently provided alongside the existing Object Spy. Like the Object Spy, the OIC displays a test object's hierarchy and properties, and enables you to drag objects into your test or add them to object repositories. In addition, it provides new capabilities such as spying on multiple objects, as well as adding multiple objects from the OIC to your test or to object repositories, modifying the test object's description properties within the OIC to customize the object's identification, and adding objects to external object repositories that are not associated to the current test.

DevOps-Enabled Toolchain for Continuous Testing

Support for continuous testing pipelines with Microsoft's Azure DevOps Server, CI/CD integration with ALM Octane, and a rich collection of CI/CD enhancements for Jenkins and Bamboo. Version Control enhancements have also been made for Git, TortoiseGit, Subversion, and SVN.

Performance Acceleration

Tests reach speeds up to 3X faster. Performance speeds have been improved to accelerate test processes and reduce test times. This includes:

- **Web.** Accelerated web-based testing on Chrome, Chromium Edge, and Firefox (technical preview)
- **Insight Recording.** Higher-degree of accuracy, speed, and ease of use for object identification
- **Standard Windows.** Improved speeds for testing standard Windows-based objects

Parallel Execution for API Testing

Fire API tests on all cylinders by running multiple tests simultaneously. Use the ParallelRunner CLI tool to run up to four UFT One API tests in parallel. If the API test calls a GUI test, these run as well. We also made testing in this arena more flexible. For example: when a GUI test that is run by ParallelRunner calls an API test, the API test will run. The results of the API test are displayed together with the rest of the parallel run results.

Unparalleled Technology Stack

Trigger tests on web and mobile devices from Docker Containers, Citrix-based virtual applications running on Citrix XenApp and new technologies such as Angular, Salesforce Lightning, ReactJS, Electron, and much more.

Real-World Lab Testing for Mobile Devices

Speed up mobile tests by running multiple devices in parallel. Also, test app behavior through photo and video simulations and replay mobile tests with fingerprint authentication, QR codes, and facial recognition.

Contact us at:
www.microfocus.com

Like what you read? Share it.



Web and Browser Testing at Full Velocity

Multiply your web testing throughput with UFT One's new parallel execution support and optimize test execution speed using headless browsers via PhantomJS or Headless Chrome.

Faster Test Execution

Performance enhancements accelerate test automation at full velocity, receive up to 3x faster test execution speed (web, Windows-based objects, and Insight Recording). Also, run API tests in parallel with ParallelRunner.

Cloud Deployment

Easily deploy UFT One with a cloud-based footprint, such as provisioned Citrix, AWS and Azure virtual environments.

Support for Enterprise-Grade Apps

From SAP, to Salesforce, to Citrix and more, UFT One provides test automation that ensures your most vital enterprise-grade apps are running as expected.

Extensive SAP Support

UFT One offers extensive support for SAP Fiori, SAPUI5 objects and methods, SAP Web Dynpro, ABAP, the SAP NWBC Desktop application, and SAP business applications such as Ariba, Concur, SuccessFactors, and more.

Did You Know?

- Engage and share knowledge or feedback about a wide range of UFT One topics on the [UFT One Community Forum](#).
- Learn more about recent releases by reviewing the UFT One available on the [UFT One Help website](#).
- Keep up to date on the latest news and events with the [Application Delivery Management Blog](#).

This information reflects cumulative enhancements in Micro Focus UFT One v14.51 and later.