



Execution Manager

1 CONTINUOUS TESTING FOR CI/CD

Run tests in remote test labs on demand and in parallel sending pass and fail back to the CI/CD platform using built-in REST interface, Jenkins plugin and Azure DevOps extension.

2 AUTOMATED SCHEDULING

Group Worksoft Certify tests and schedule their execution. Certify processes can be run on a calendar-based schedule in parallel so that testing windows are shorter.

3 REMOTE DESKTOP

Manage remote testing resources centrally from anywhere – on premise or in the cloud – with remote login with keyboard and mouse control to take screenshots.

4 DEPENDENCY MANAGEMENT

Run tests requiring specific labs in a queue based on the availability of testing hardware.

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Automated Test Orchestration

When it comes to test automation, manual regression tests that need to be run frequently usually top the list of desired automation. But regression tests for enterprise applications present unique challenges for automation since they need to be driven from a UI in the same way the user interacts with that UI.

Achieving high levels of automated regression testing often requires running tests unattended during non-peak business hours, which also creates unique challenges: the computer needs to be on, a specific user needs to be logged into the desktop, the screen can't be locked, and tests need to be orchestrated in sequence with complex dependencies across multiple devices in multiple labs on premise or in the cloud. Given modern security governance, this scenario can be next to impossible.

Execution Manager empowers users to schedule and run Worksoft Certify® tests at any time, at scale across multiple machines simultaneously to enable continuous testing. It also provides robust REST API's, Jenkins and Azure DevOps plugins to run the tests from CI/CD pipelines. The ability to run tests on a scheduled basis or DevOps provides robust options for Continuous Testing in the modern enterprise.

Achieve 100% automated regression testing—without working nights and weekends

SCHEDULE AND RUN REMOTE UNATTENDED TESTING

With Execution Manager, remote unattended testing can be scheduled for Worksoft Certify tests and Microfocus ALM test labs via documented REST calls from any CD platform. Execution Manager handles logging into machines, launching tests, taking screen shots, and reports passing and failing of the tests back to the continuous integration/continuous delivery (CI/CD) platform. Support for advanced scheduling enables users to specify the order of tasks to be performed and define dependencies between test processes passing and failing to continue testing.

RUN END-TO-END TESTS FOR CONTINUOUS INTEGRATION CYCLES

Execution Manager addresses challenges associated with continuous build server limitations, headless mode, and solid desktop requirements by creating a lab of windows desktops that are logged into remotely to run tests, take clear screen shots, and log off.