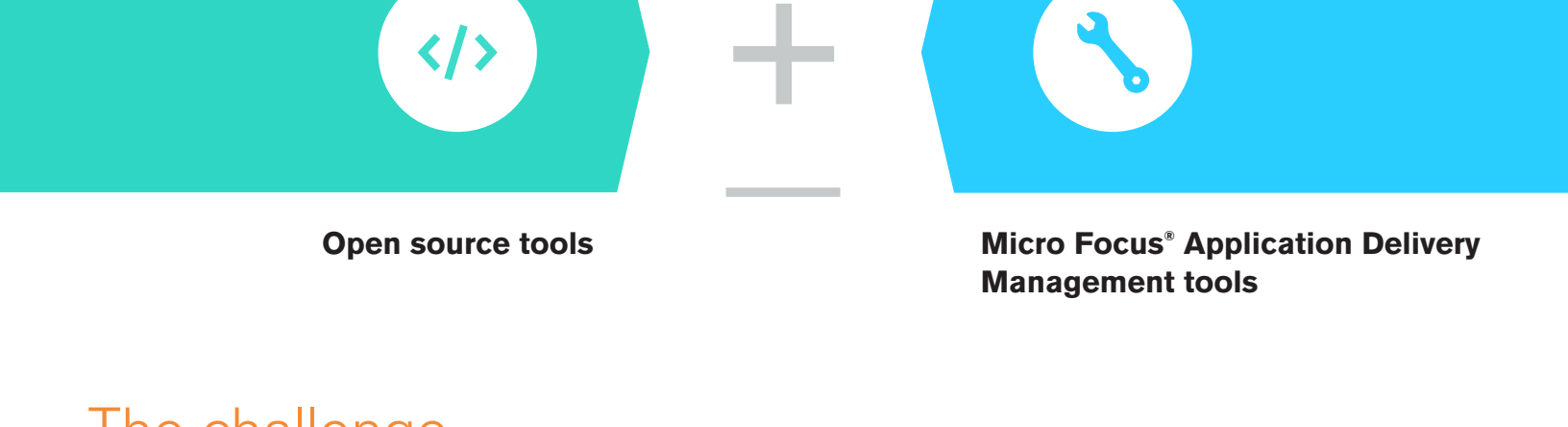


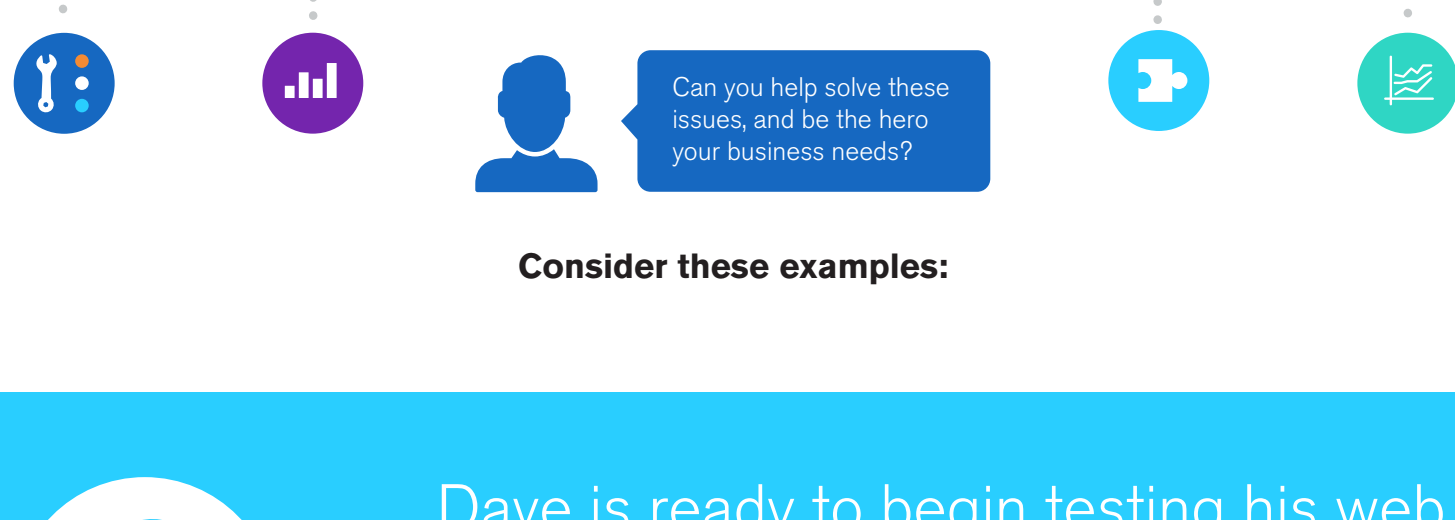
Extending the Value of Open Source Software Testing Suites

Activate the power of two:



The challenge

Open source software testing tools are great — but they don't give you everything you need to fully test your software and deliver high-quality enterprise capabilities.



Dave is ready to begin testing his web applications with Selenium

Dave is struggling to:

- Create a test that can be easily used for cross-browser testing
- Maintain scripts due to fragile or missing locator
- Create and maintain environments so tests can execute on all of the desired matrices
- Deal with missing reporting logs and auditing capabilities

You bring in the capabilities of **Micro Focus LeanFT** and **Micro Focus StormRunner Functional** to help Dave out

Now Dave can:

- Use the Java code library in **LeanFT** to extend the WebDriver API with additional locators and utilities
- Use **LeanFT** to build and validate robust WebDriver-based object identifications
- Execute tests in the **StormRunner Functional** cloud lab—no need to create and maintain a test environment
- Enhance test results/reporting with detailed descriptions of test execution flow provided by **StormRunner Functional**

The tools used:

- LeanFT
- StormRunner Functional

Did you know?

- With **LeanFT**, you can:
- Create more robust or generic identifications for your objects
 - Use Object Identification Center to spy on the objects in your app, experiment with different ways to identify those objects, and generate code to use in your scripts
- With **StormRunner Functional**, you can:
- Enable robust root-cause analysis
 - Get clear, actionable reasons for test failure at each step

Maria is ready to begin performance testing with JMeter

Maria is struggling to:

- Scale her performance tests
- Determine the cause of performance problems
- Report on her performance tests
- Run tests from private and public clouds

You bring in **Micro Focus StormRunner Load** to help Maria out

Now Maria can:

- Scale from one to more than 5 million virtual users from real-world locations
- Leverage real-time predictive analytics for quick problem isolation
- Gain powerful reporting and trending capabilities
- Run cloud, private cloud, and on-premises load generators

The tools used:

- StormRunner Load

Did you know?

- LoadRunner and Performance Center** have been enhanced with new features that significantly expand their capabilities. With LR/PC you can:
- Run your JMeter scripts
 - Integrate JMeter with additional script types in any performance test
 - Integrate performance testing in your product Jenkins build pipeline
 - Use Dockerized Load Generator
 - Provision and de-provision Dockerized Load Generator resources using Kubernetes

Samar is ready to begin mobile testing with Appium

Samar is struggling to:

- Support parallel execution with a simplified architecture
- Reduce the dependencies for a Mac machine
- Test multiple apps in parallel
- Understand how network conditions might affect app behavior

You bring in **Micro Focus Mobile Center** capabilities to help Samar out

Now Samar can:

- Simplify the parallel execution process, and run tests on multiple devices in parallel
- Gain iOS automation without a Mac
- Support the test of multiple apps, including system apps, in a single run
- Apply real-world network conditions during test execution

The tools used:

- Mobile Center

Did you know?

- With **Mobile Center**, you can:
- Trace who is using which device
 - Increase security — Appium scripts can be forced to authenticate
 - Optimize device usage — Mobile Center enables Appium scripts to run on free devices that meet certain criteria (e.g., iOS 8 and above)

Choose your tools

Micro Focus Software is integrated with a wide range of popular open source tools.

Functional testing		Performance testing		Functional/ Mobile testing	
Use LeanFT with...	Use UFT with...	Use StormRunner Load with...	Use LoadRunner with...	Use Performance Center with...	Use StormRunner Functional with...
Selenium	Jenkins	JMeter	Jenkins	Jenkins	Selenium
JUnit	Bamboo	Gatling	Git-Hub	Git-Hub	JUnit
PHPUnit	Java	Git-Hub	Java	Java	PHPUnit
Java	JavaScript	Java	JavaScript	JavaScript	Jenkins
JavaScript	Eclipse	JavaScript	Selenium	Selenium	Appium
Eclipse	Git	Node.js	Docker	Docker	Git*
Node.js	Subversion	Eclipse	Eclipse	Eclipse	SoapUI*
IntelliJ	TortoiseSVN	Docker	JUnit	JUnit	Use Mobile Center with ...
JUnit		ChatOps	JMeter	JMeter	Jenkins
TestNG		Bamboo	JMeter	Kubernetes	Appium
Jasmine		Selenium			Bamboo
Mocha					Selenium
Cucumber					Docker

* Coming soon

Take testing to a higher level

Get the best of both worlds: the benefits of open source software and the advanced capabilities of Micro Focus Software.

- Learn more about **LeanFT**
- Learn more about **StormRunner Functional**
- Learn more about **StormRunner Load**
- Learn more about **Mobile Center**