

Distributed Execution

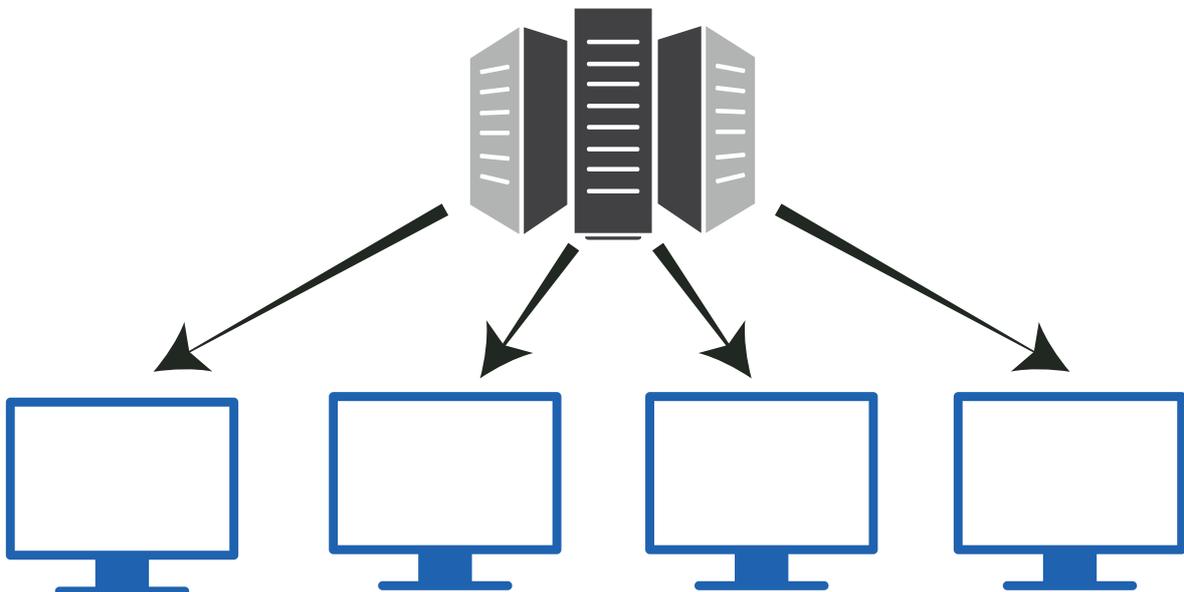
Overview

For large and complex systems, the number of test cases usually range from around a few hundred to several thousand. Even a computer with substantial processing capacity would require an enormous amount of time to execute such a large test set.

In any fast-paced development environment, parts of your test set will need to be executed multiple times within a limited amount of time for several different configurations, e.g. browsers and/or operating systems. This makes it difficult for testers to identify critical defects as early as possible. Tricentis' answer to distributed test execution removes all these barriers

in one single swoop, enabling you to easily avoid many major testing dilemmas.

Tricentis Tosca's smart approach to distributed test execution (DEX) boosts the performance of your testing by distributing your automated test sets across multiple virtual machines, computers in your network, or in the cloud. Since all of this can be achieved with minimal effort - no complex installation or laborious configuration is required - the basic principle is to keep it simple but powerful.



Key Benefits

Provide Rapid Feedback

“Divide and conquer” is key when scaling test automation and test execution at the same time. Having the capability to distribute your test sets across multiple execution clients in complex heterogeneous system landscapes is a core function for any agile testing team. It helps to increase its operating speed and provides rapid feedback regarding the quality of your product under test.



State	Execution Item	Agent	Start Time	End Time	Actual Result
✓	HTTP GET	19102232	12:40:42	12:41:43	Passed
✓	SOAP POST	12001	12:40:42	12:41:42	Passed
🕒	SOAP GET TEST	-	-	-	To Fail
🕒	API TEST	-	-	-	To Fail

Key Features

Event Planning

Planning for distributed test execution requires only a few drag & drop operations. Additionally, any configurations of your execution clients can be easily defined and assigned to multiple test events in order to make your test execution even more powerful.

Event Monitoring

Using our web-based monitor, you can monitor the results and statuses of your test events as well as the state of the execution clients at runtime. As a result, you are able to keep a critical eye on the technical and business sides of your distributed test execution at any point during your testing.

Event Execution

DEX will facilitate the optimal distribution of your test sets across the execution clients via load balancing. This ensures that all your test sets are seamlessly executed.

About Tricentis

Tricentis, the Continuous Testing Company, specializes in market leading agile software testing tools for enterprises. We help Global 2000 companies adopt DevOps and gain success by achieving automation rates of over 90%. Top analysts recognize Tricentis as a leader in Software Test Automation, with Model-based Test Automation and Test Case Design as standout features.

Our 400+ customers include global names from the Top 500 brands such as A&E, Allianz, Deutsche Bank, HBO, JetBlue, Orange, Swiss Re, Telstra, Toyota, UBS, Vantiv, Virgin Airlines, and Zurich Insurance. Tricentis has offices in Austria, United States, Germany, Switzerland, UK, Netherlands, Poland, and Australia.