

Product Comparison

qAutomate vs. Katalon

This paper provides an unbiased comparison between qAutomate and Katalon. These features are listed here when currently supported by at least one of the two tools.

Group	Feature	qAutomate	Katalon
SCRIPTOR	Keyword-driven Testing	Support	Support
	Data-driven Testing	Support	Support
	Cross-browser Testing	Support	Support
	Record & Playback	Not support	Support
	Element Abstraction & Reuse	Support	Support Have object-spying to record object elements, store and re-use across the project team
	Keyword Scripting Mode	Support	Support Users with very little programming expertise can select keyword from a list to script test case.
	Programming Scripting Mode	Not support	Support Users with programming expertise can write code like developers.
	Custom Keyword	Not support	Support Users can implement their own keywords for project needs.

	Selenium Scripting Compatibility	Not support	Support Export project, import it to Eclipse and run it
EXECUTOR	Execution Mode	Support local and distributed execution	Currently support local execution Have plan to support distributed execution and load balancing.
	Execution Engine	Work locally	Work locally Have plan to put on cloud
	Real-time Logging	Support	Support
	Test Suite Report	Support	Support
MANAGER	Historical Report	Support	Not support
	Email Reporting	Support	Support
	Web Application Testing	Support	Support
FUNCTIONAL	Web Service Testing	Support	Support
	Mobile Application Testing	Support	Support
	ETL Testing	Support (very limited)	Not support

NON-FUNCTIONAL	User-centric Design	Not support	Separate users into roles: - Scripting Engineer - Testing Executor - Manager
	Multiple Document Interface	Support using Java Swing	Support using Eclipse RCP
	Test Artifact Storage	Use database	Use file system
	Test Management System Integration	Not support	Support qTest
	CI Integration	Support via command line interface	Support via command line interface
	Working Environment	Support major OS: Windows, Linux, Mac	Same