**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.

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| --- | --- | --- | --- |
| 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** |
| MANAGER | **Test Suite Report** | **Support** | **Support** |
| **Historical Report** | **Support** | **Not support** |
| **Email Reporting** | **Support** | **Support** |
| FUNTIONAL | **Web Application Testing** | **Support** | **Support** |
| **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 |