

## GUI Test Tool Comparison for Web: Selenium vs. QF-Test

	Selenium	QF-Test
<b>Setup and configuration</b>		
Easy installation, also for non-programmers	✗	✓
<b>Technology support</b>		
Web applications	✓	✓
Java applications	✗	✓
Windows applications	✗	✓
Combined/hybrid applications	✗	✓
<b>Target user group</b>		
Testers	✗	✓
Developers	✓	✓
<b>Capture &amp; replay</b>		
Recording of actions	Firefox plug-in, restricted	✓
Recording of checks	restricted	✓
Direct editing of recorded steps	✗	✓
<b>Component recognition</b>		
Robust object identification	✗	✓
Central GUI object map	GUI objects have to be managed on code level	✓
Generic GUI object classes	✗	✓
Easy direct item access e. g. trees, tables	✗	✓
Use of XPath expressions	✓	✓
Automatic GUI object synchronization	✗	✓
<b>Support for dynamic ids / AJAX</b>		
Robust recognition	✗	✓
Explicit support for several popular AJAX frameworks	✗	✓
<b>Test-run analysis and reporting</b>		
Easy-to-read run-logs	✗	✓
Configurable reports	✗	✓
<b>Maintainability</b>		
Easy maintenance	✗	✓
<b>Modularization / reusability</b>		
Easy modularization and reusability	Requires object- oriented programming knowledge	✓
<b>Data-driven testing</b>		
Easy definition and integration of data sources	✗	✓
<b>IDE integration / headless testing</b>		
Eclipse plug-in	✓	✓
Headless testing	✓	✓
<b>Documentation (English &amp; German)</b>		
Comprehensive documentation	✗	✓

<b>Support services (English &amp; German, partly French)</b>		
Professional support from the authors	X	✓
Training/Consulting from the authors	X	✓
Free Special webinars on important topics	X	✓
<b>License</b>		
Free	✓	Commercial license