







## Automated GUI Testing with Squish

Functional GUI testing is an essential part of the development and QA processes used to create sophisticated modern GUI applications. And unlike the unreliable, unpredictable, and slow manual testing approach, automated GUI tests quickly produce reliable and reproducible results. Automated GUI testing enables test engineers to rapidly find regressions so that fixes can be done early, saving both time and money.

The creation of a maintainable and time-proven automated GUI testing process requires a test automation tool that embodies a deep knowledge of the underlying GUI technologies it is being used to test.

froglogic's popular cross-GUI testing tool Squish meets these requirements and supports automating tests for all kinds of modern GUI applications, with dedicated support for:

-  Qt C++ framework
-  Java GUIs
-  Native Windows Controls
-  Mac OS X Cocoa and Carbon
-  iOS and Android mobile GUIs
-  Web and Flex in multiple browsers
- ... and more...

### Squish has many other features, including:

- Powerful and easy to use test development environment
- Record and replay with powerful scripting capabilities
- Choice of non-proprietary scripting language
- Access to all the tested application's objects
- Interactive Object Spy
- Command line toolset for unattended test automation
- Open data formats (e.g., plain text configuration files and plain text and XML/HTML reports)
- Support for hybrid applications (Qt+Web, Qt+ActiveX and others)
- Source code availability

### Licensing

Named User Licenses and Group Licenses with concurrent seats are available. All licenses are perpetual and include a free 12-month Support & Updates Subscription.

### More Information

Please visit [www.froglogic.com](http://www.froglogic.com) or contact us at [sales@froglogic.com](mailto:sales@froglogic.com) for additional questions or a live demonstration.

Feature	 Squish for Qt	 Squish for Java	 Squish for Windows	 Squish for Mac
GUI Toolkits	<ul style="list-style-type: none"> <li>▪ Qt 3.x</li> <li>▪ Qt 4.x</li> <li>▪ Qt 5.x</li> <li>▪ Qt Quick</li> </ul>	<ul style="list-style-type: none"> <li>▪ Swing</li> <li>▪ AWT</li> <li>▪ SWT</li> <li>▪ Eclipse/RCP</li> <li>▪ JavaFX</li> </ul>	<ul style="list-style-type: none"> <li>▪ MFC</li> <li>▪ .NET Windows Forms</li> <li>▪ .NET WPF</li> <li>▪ PowerBuilder</li> <li>▪ FoxPro</li> <li>▪ Infragistics</li> <li>▪ Telerik</li> <li>▪ Exontrol</li> <li>▪ Microsoft Accessibility</li> <li>▪ Visual Basic 6</li> </ul>	<ul style="list-style-type: none"> <li>▪ Cocoa</li> <li>▪ Carbon</li> </ul>
GUI Controls	<ul style="list-style-type: none"> <li>▪ Standard controls</li> <li>▪ Complex views</li> <li>▪ QGraphicsView</li> <li>▪ QtWebKit</li> <li>▪ QML</li> </ul>	<ul style="list-style-type: none"> <li>▪ Standard controls</li> <li>▪ Complex views</li> <li>▪ GEF</li> <li>▪ Embedded Web Browser</li> </ul>	<ul style="list-style-type: none"> <li>▪ Standard controls</li> <li>▪ Complex views</li> <li>▪ Embedded Web Browser</li> <li>▪ Excel</li> <li>▪ Microsoft Ribbon</li> </ul>	<ul style="list-style-type: none"> <li>▪ Standard controls</li> <li>▪ Complex views</li> </ul>
Custom Controls	<b>YES</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>
Supported Platforms	<ul style="list-style-type: none"> <li>▪ Windows</li> <li>▪ Linux/Unix</li> <li>▪ Mac OS X</li> <li>▪ Embedded Linux</li> <li>▪ QNX</li> <li>▪ VxWorks</li> <li>▪ Windows CE</li> <li>▪ Android</li> </ul>	<ul style="list-style-type: none"> <li>▪ Windows</li> <li>▪ Linux/Unix</li> <li>▪ Mac OS X</li> <li>▪ Embedded Linux</li> </ul>	<ul style="list-style-type: none"> <li>▪ Windows 2000</li> <li>▪ Windows XP</li> <li>▪ Windows Vista</li> <li>▪ Windows 7</li> <li>▪ Windows Mobile</li> <li>▪ Windows 8</li> </ul>	<ul style="list-style-type: none"> <li>▪ Mac OS X on</li> <li>▪ PPC</li> <li>▪ Intel</li> </ul>
Script access	<ul style="list-style-type: none"> <li>▪ All classes</li> <li>▪ All methods</li> <li>▪ All properties</li> </ul>	<ul style="list-style-type: none"> <li>▪ All classes</li> <li>▪ All methods</li> <li>▪ All properties</li> </ul>	<ul style="list-style-type: none"> <li>▪ All classes</li> <li>▪ All methods</li> <li>▪ All properties</li> </ul>	<ul style="list-style-type: none"> <li>▪ All classes</li> <li>▪ All methods</li> <li>▪ All properties</li> </ul>

				
Feature	Squish for iOS	Squish for Android	Squish for Web	Squish for Flex
GUI Toolkits	<ul style="list-style-type: none"> <li>▪ CocoaTouch</li> </ul>	<ul style="list-style-type: none"> <li>▪ Android UI</li> </ul>	HTML and XHTML in <ul style="list-style-type: none"> <li>▪ Internet Explorer</li> <li>▪ Firefox</li> <li>▪ Mozilla</li> <li>▪ Safari</li> <li>▪ Chrome</li> </ul>	<ul style="list-style-type: none"> <li>▪ spark. components</li> <li>▪ mx.controls</li> </ul>
GUI Controls	<ul style="list-style-type: none"> <li>▪ Standard controls</li> <li>▪ Complex views</li> <li>▪ Chooser</li> <li>▪ Date picker</li> <li>▪ Time picker</li> <li>▪ Gestures</li> </ul>	<ul style="list-style-type: none"> <li>▪ Standard controls</li> <li>▪ Complex views</li> <li>▪ Spinner</li> <li>▪ Date picker</li> <li>▪ Time picker</li> <li>▪ Gestures</li> </ul>	<ul style="list-style-type: none"> <li>▪ Standard HTML form controls</li> <li>▪ AJAX toolkits (GWT, SmartGWT, ExtJS, etc.)</li> <li>▪ Java applets</li> <li>▪ ActiveX/native controls</li> <li>▪ Flex</li> </ul>	<ul style="list-style-type: none"> <li>▪ Standard controls</li> <li>▪ Complex views</li> </ul>
Custom Controls	<b>YES</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>
Supported Platforms	iOS 3.0 - current <ul style="list-style-type: none"> <li>▪ iOS Simulator</li> <li>▪ iPhone</li> <li>▪ iPad</li> <li>▪ iPod Touch</li> </ul>	Android 2.2 - current <ul style="list-style-type: none"> <li>▪ Android Emulator</li> <li>▪ Android phones</li> <li>▪ Android tablets</li> </ul>	<ul style="list-style-type: none"> <li>▪ Windows</li> <li>▪ Linux/Unix</li> <li>▪ Mac OS X</li> <li>▪ Embedded Linux</li> <li>▪ iOS</li> <li>▪ Android</li> </ul>	Any browser and Adobe Air on <ul style="list-style-type: none"> <li>▪ Windows</li> <li>▪ Linux/Unix</li> <li>▪ Mac OS X</li> </ul>
Script access	<ul style="list-style-type: none"> <li>▪ All classes</li> <li>▪ All methods</li> <li>▪ All properties</li> </ul>	<ul style="list-style-type: none"> <li>▪ All classes</li> <li>▪ All methods</li> <li>▪ All properties</li> </ul>	<ul style="list-style-type: none"> <li>▪ All classes</li> <li>▪ All methods</li> <li>▪ All properties</li> </ul>	<ul style="list-style-type: none"> <li>▪ All classes</li> <li>▪ All methods</li> <li>▪ All properties</li> </ul>

