TestArchitect™ 8.2

Update 1

Release Notes for OS X

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> **Please note:**
> - Before upgrading to the latest version of TestArchitect, it is strongly recommended that you back up all repositories.
> - A TestArchitect client and any repository server to which it connects must be of the same version.

What's New in TestArchitect 8.2 Update 1

The following new features and improvements are introduced in the latest version of TestArchitect running under Windows.

TestArchitect Client

- **Startup settings**
  The new **Startup Settings** panel on the **Execute Test** dialog box provides a means by which you can specify settings prior to a test run. For example, you can choose the browser in which to run a test by specifying a value for setting *use browser* without using variations. Or you can specify a user-defined setting such as *test environment*, then in turn retrieve its specified value within your tests using the action **get setting**.

Enhancements to existing features

- **Repository results can be exported to HTML**

- **Open/copy/cut/drag multiple items from list view to tree view**
  Drag and drop any project item, or a selection of items, from a list view into a folder or node of the same type in the TestArchitect explorer tree. Alternatively, cut or copy items from a list view and paste into TestArchitect explorer tree. It is also now possible to open multiple items at one time from a list view.

- **Support for repository name and project name parameters in test run batch file**
  New parameters **/dbname** and **/proname**, which take precedence over **/srvid** (repository ID) and **/proid** (project ID).

TestArchitect Automation

- **Official support for automation on Safari running on OS X machines**
  TestArchitect now supports recognition of UI web controls in Safari, allowing you to carry out testing of web applications running on Safari. Additionally, the **XPath** property is supported on Safari OS X.

- **Properties Comparison**
  A new feature of the TestArchitect Interface Viewer, **Property Comparison** allows you to compare and contrast the property values of your interface definitions with those of their "physical" counterparts (controls, windows, etc.) in the tested application. This is especially helpful when, perhaps due to an application update, a given interface definition can no longer identify the application's UI object that it was originally matched with.

- **Read user-defined and built-in settings in your test procedures and user-scripted actions.**
  The built-in action **get setting**, expression function **#getsetting()**, and **AbtLibrary** class method **GetSetting()**, are provided to read settings into variables.

- **Engine class method exposed: GetEntityInformation() (AbtLibrary)**
  This method retrieves the metadata of a TestArchitect entity, such as a test module, data set, or user-defined action, for use within your user-scripted actions. Retrieved information includes name, location, status, recent result, url, assigned user, priority, and version.

- **Support for mobile web automation on Safari running on iOS 8.4, 8.3, 8.2**.

Enhancements to existing features

- **Device Live Screen**
  - **Live mirroring:** Device Live Screen (DLS) now allows your desktop monitor to mirror, in real time, the display of the selected device.
  - **Two viewing modes:**
    - *Fit-to-window mode:* The DLS window's display area is matched to the physical dimensions of the device under test.
    - *Full screen mode:* The DLS display is a one-to-one mapping of the monitor's pixels with those of the device.

- **get tree node menu state** and **check tree node menu state** actions: optional arguments **x** and **y** are provided to determine horizontal and vertical positions of the effective click on a specified tree node.

Resolved Issues

- Attempts to add local results to the repository failed, and resulted in the loss of embedded picture checks.

System Requirements

The following table lists the recommended hardware and software requirements for TestArchitect.

Recommended system requirements

	TestArchitect Client/Controller with small-scale Repository Server	Production-scale Repository Server (up to 15 concurrent connections, 1GB repository)
Operating system	MAC OS X 10.8 (Mountain Lion) or above	Windows 2008/2012 Server
RAM	4 GB	8 GB
HDD	At least 2.5GB available space	Available space of at least 2 GB plus total aggregate size of all databases
CPU	2 GHz dual-core or faster	3.1 GHz quad-core

Additional Resources

- For more information, please visit our website at *www.testarchitect.com* or email us at *sales@logigear.com*.
- On a system with TestArchitect installed, help is available at `/Application/TestArchitect/tahelp/webhelp/index.html`