



TestArchitect™ 8.2

Update 7

Release Notes for Linux

LogiGear Corporation

4100 E 3rd Ave - Suite 150
Foster City, CA, 94404

Phone (650) 572-1400
(800) 322-0333

Fax (650) 572-2822

Web www.logigear.com

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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 7

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

TestArchitect Client

- **[Diff Tool](#):**
New capabilities, in addition to the comparison of project items, have been added to the tool
 - **[Detecting differences at node and folder level](#):** Compare differences in contents between two nodes or folders in the TestArchitect explorer hierarchy, within a project or across projects and repositories.
 - **[Merging differences between folders](#):** Easily synchronize the contents of two folder hierarchies by copying project items and folders between them.
 - **[External diff tool launcher](#):** Conveniently integrate TestArchitect and the Diff Tool with other differencing and merging tools.
- **[Opening TestArchitect online Help](#):** You now have the option of having the F1 key open *either* TestArchitect's local help file, or TestArchitect online help.
- **[Scheduling hit list clearance](#):** Repository hit list clearance now can be scheduled to take place during non-business hours to reduce the cache's size of repository server, so that the repository server is started more quickly.

TestArchitect Automation

- **[Interface Viewer capture of transient controls](#):** The Interface Viewer now caches captured UI objects and their properties, a feature that is especially useful for those controls that become unavailable during the interface capture session. This retention allows you to continue viewing those UI objects in the Viewer, and to save them to your project interface.
- **New timing-related built-in settings:**
 - **[control condition](#):** Waits for given TA properties of controls to satisfy specified conditions before UI-interactive actions are executed.
 - **[control condition wait](#):** The maximum wait time for TA properties to satisfy the conditions of the **control condition** setting.
- **New picture-handling built-in actions:**
 - **[export baseline picture](#):** Save the current baseline image to file.
 - **[get baseline image count](#):** Retrieve a count of the total number of baseline images that resides in a given picture check.

Enhancements to existing features

- **[capture screen](#)** built-in action: Additional arguments including **window**, **control**, **left**, **top**, **width**, and **height** have been provided to allow for capturing a specific area.
- **Interface Viewer selective refresh**: You can now perform a refresh on any given window node in the [Interface Viewer](#)'s [UI Explorer](#) panel. Previously, the refresh function was limited to refreshing all currently open windows on the system at once.
- **Significant web control capture improvement**: Detection of web application controls within Mozilla Firefox by the [Interface Viewer](#) and [point-to-identify](#) tool is now significantly faster.

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	Red Hat 6.3 or 5.8	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.