LogiGear

TestArchitect™ 8.1
Update 2

Release Notes for Windows

Contents

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 8.1 Update 2

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

TestArchitect Automation

New in this release

- **Support for Android 5.0**
  Test automation on Android 5 is now supported. The supported types of AUTs include native Android apps, WebView and Google Chrome, up to version 41.
- **Lexical scoping**
  With this alternative to dynamic scoping (the previous default mode of TestArchitect), the scope of a local variable does not extend into action calls. This means that a local variable is only accessible within the block in which it is declared, but not in its child blocks. (Note that, while lexical scoping is now the default, dynamic scoping may be restored by setting the built-in **lexical scoping** setting to *no*.)

Enhancements to existing features

- **ignore tabs and newlines** built-in setting
  Ignoring of tab and newline characters is now supported on additional platforms, such as Java, mobile (Android, iOS), etc.
- **Support for transmission** of **tab()** and **newline()** characters for various user-interface actions such as **set** and **enter**.
- **scroll to view** built-in action is now supported on the following platforms:
  - Android:
    - native Android apps
    - Google Chrome
    - WebView
  - iOS:
    - native iOS apps
    - Safari
    - WebView
- New additional Android 5 controls are supported including: `toolbar` and `menu bar`.
- The `TextSwitcher` Android control is remapped to the **text switcher** TA control, instead of **label**.
- The `SearchView` Android control is remapped to the **search view** TA control, instead of **textbox**.

Known Issues

- `Auto Highlight` on the Interface Viewer's toolbar inaccurately displays the positions of controls when the AUT is in full screen mode.
- On occasion, the `Android Instrumentation Tool` displays more than one identical copy of a connected Android device in its **Devices** panel.
- At times, `Device Live Screen`, although active, remains in the background, and may be obscured by other windows.

Resolved Issues

- When defining available modifiers for a **Value Set** argument, if a value has a comma anywhere inside it, TestArchitect parses the value into two smaller chunks.
    - For example, if you define `"Obama, Barack", "Bush, George",` the Content Assist in the editor displays four values:
        - **"Obama**
        - **Barack"**
        - **"Bush**
        - **George".**
    - The correct one only displays two values including:
        - **Obama, Barack**
        - **Bush, George**.
- Multi-line texts are not displayed correctly when you copy content from another test editor and then paste the content into the **Description** and **Argument Modifier** fields of an argument's action.
- When importing test cases from Zephyr into TestArchitect, step numbers are not mapped correctly.
- The TestArchitect installation process is terminated abruptly when the installation file is run directly through web browsers.

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	All Windows versions	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 *Start menu > All Programs > TestArchitect > TestArchitect Help*.