LogiGear ®

TestArchitect™ 8.1
Update 4

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 4

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

TestArchitect Client

- **Import/Export command line tool**
  The import and export of repositories and project items has long been possible in TestArchitect, but only within the confines of TestArchitect Client. With the introduction of the Import/Export tool, your import and export operations may now be incorporated into Windows batch files, a feature that is especially useful in environments that employ continuous integration (CI) practices. The tool itself consists of a set of command line commands that mirror the Client's abilities to import and export test modules, test cases, data sets, actions, interface entities, and test results, along with full repositories.

  Note that this functionality has also been incorporated into the *TAUtilities* API in the form of six new methods. Please see the *TAUtilities* API documentation available in the TestArchitect Help menu for details.

- **Variation for test modules**
  Project item variation is now supported for test modules, enhancing modularity by limiting test changes to applicable sections, while allowing your test to otherwise remain intact from one version to the next.

TestArchitect Automation

- New built-in actions for data sets
  - **add data set column**
    Append new column(s) to a data set.
  - **set data set value**
    Set the value of one or more cells of a column in a data set.
  - **check in data set**
    Check in a data set.

- New exported methods of **AbtDataSet** for user-scripted actions (applicable to C# harness only)
  - **CheckIn**
    Check a data set in to the repository.
  - **CheckOut**
    Check out a data set.

Enhancements to existing features

- Several existing public API methods (applicable to C# harness only) are now reordered into a new **AbtDataSetManagement** class provided for user-scripted actions that interact with data sets. The public API methods are as follows:
  - **CreateDataRow**
    Create a new data row with specified contents.
  - **CreateDataSet**
    Create a new data set object.
  - **DoesDataSetExist**
    Check whether a data set exists.
  - **GetDataSet**
    Retrieve a data set's contents. Note that this method may be applied to a data set in the current project or a supplier project, and it accesses the appropriate variation of the specified data set based on the existing runtime variation specification.

Known Issues

- The API methods of **AbtDataSet** are not yet supported for user-scripted actions implemented in Python or Java. Use of these methods in Python or Java scripts can lead to unexpected behavior.

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.