



SwifTest v1.1.5.0

Release Notes, February 2018

Dimension SwifTest™ release 1.1.5.0 was made available on February 12, 2018. Outlined below are details of the new features and improvements to existing functionality contained in this release.

Please Note: Upon release of v1.1.5.0, the SwifTest client, PodHQ and Pods will be automatically updated the next time they are launched. No additional actions are required by users. There will be no impact on your current catalogue of scripts.

If you have any issues with the automatic update process, please uninstall the application from the Windows control panel and download the latest version of SwifTest, the PodHQ or Pod from:

<https://www.dwsdimension.com/Download>

Please log any issues through the Hub support page or directly via email help@dws.on.spiceworks.com

The Minimum technical requirements for SwifTest remain unchanged and can be found here:

<https://www.dwsdimension.com/Download>

What's New?

Repeater

Extensive functionality has been added to Dimension SwifTest™ in respect of repeat test actions. The repeat feature allows tests to cycle through repository datastore rows; enabling tests to be driven by soft-coded data rather than hard-coded actions.

Feedback from users indicated this functionality would create significant time savings, both in the creation and maintenance of longer, more complex test scripts. Ultimately, this will lead to smaller, more concise tests.

Actions:

- A new 'Repeat' action has been created. This will allow users to specify the actions that should be repeated and the number of times they should be repeated.
- All actions that reference a 'grid row id' have been changed to also allow a datastore value. This means we no longer need to hard-code the grid row when creating SwifTest™ actions.
- New 'Increment datastore value' action – This action could be used to increment the row number to be added to the grid, or to increment the line number to be read from the repository datastore. Currently this only works with numeric datastore items, in a future release this will be expanded to include more complex data types e.g. dates and times.

Datastore Enhancements

These new functions are only applicable to the runtime datastore items. The runtime datastore is used to collect data from E1 during the execution of a test, this data can then be used in a later stage of the test's execution, or by other tests in the same scenario. Future releases of Dimension SwifTest™ will build this functionality out for the repository datastore.

Actions:

- New 'Manually set value' action – This action will be used to, at design time, manually set the value of a new or existing runtime datastore item. This could be used to hard-code a literal once, then use that literal multiple times throughout the test or scenario, or it could be used to specify the number of repository datastore records that should be read.
- The existing 'Store from value' and 'Store grid value' actions have been enhanced so that existing runtime datastore items can be updated, as well as new items created.

Other Enhancements:

- Major speed enhancements for all action types across the Dimension SwifTest™ framework.
- Refresh buttons have been added to all screens, so multiple users working in the same environment can easily share project/scenarios/test/queues/repository/schedule data without having to logout first.
- Support for Dropdown/Combo boxes inside grid cells.
- Support for pure custom E1 pages.

What's Improved?

In addition to the new features above, release 1.1.5.0 addresses some DWS and user-defined bug fixes.

- Usability of Repository Datastore:
 - After adding a repository datastore column, the user could not delete it
 - Fix keyboard and mouse data entry of repository datastore
 - Improve importing of data from excel into the repository datastore
 - Prevent duplicate column names inside the repository datastore
 - Prevent special characters in the repository datastore column names
 - Prevent users from dragging around the columns of the repository datastore, this reordering is not yet saved

- Implement new code signing certification
- Scheduler has stopped taking screenshots after each action is executed
- Improve filtering of actions when they are not available
- Fatal error when selecting an E1 page when no pages were available
- At runtime, when overriding the E1 User/Password/Env, the override was ignored and project level settings were still used
- Auto-select the default tools release and browser when creating a new project, leaving these blank produces a very unhelpful error
- Add panel resizer to all forms of the Swifttest client
- Prevent 'unpacking' error when chrome extensions are disabled via the registry
- Fatal error when quickly moving between test actions and parameters e.g. grid columns have not been fully loaded and display to the screen
- E1 pages/items should be selected using the name, not the E1 page ID, this can change if the page/item is re-ordered
- Support for 'WSJ' from fast path