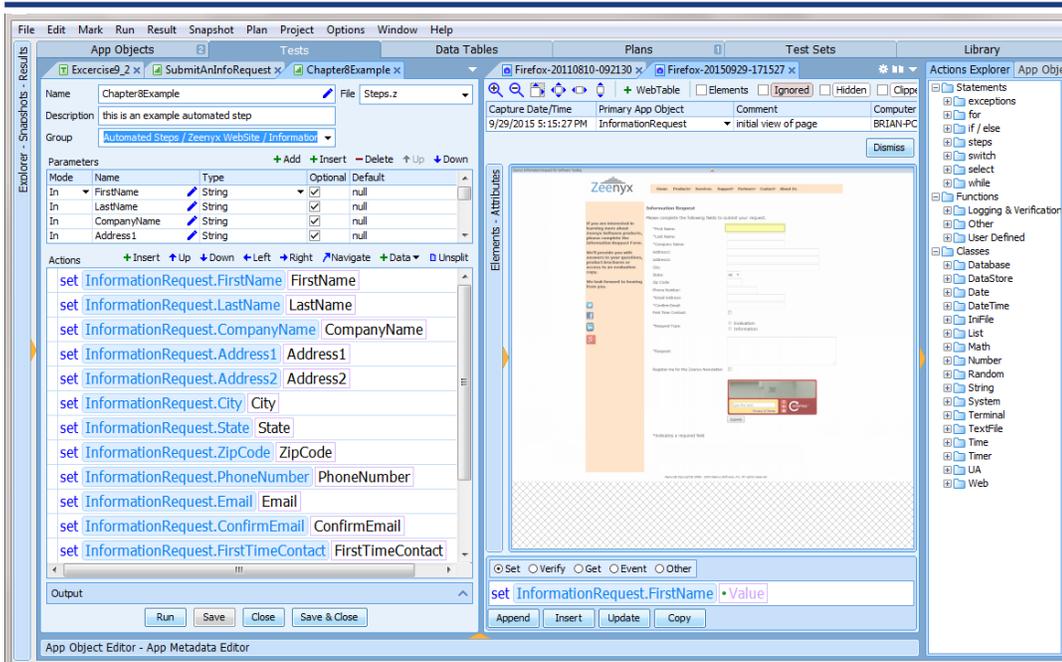# Zeenyx®

Reducing the cost of software testing by making testers more productive

AscentialTest™ is a productivity tool for software testers. It provides a highly visual environment for developing manual and automated tests and for managing the testing process. Zeenyx has given test maintenance the highest priority in the product's design. The step-based approach allows the testing staff to build durable tests that are as easy to maintain as they are to create. By eliminating the need to build a costly test framework, AscentialTest reduces the level of effort, increases productivity and lowers the cost of software testing.

Benefits

- Increases staff productivity
- Automatically generates the test framework
- Eliminates scripting required to automate tests
- Eliminates time spent handling unrecognized objects
- Reduces skill level requirements to successfully build effective automated tests
- Significantly reduces test runtime
- Enhances verification through rich array of attributes
- Allows team members to work offline
- Increases effectiveness of multi-located teams including outsourcing where access to AUT is limited
- Smooth transition from manual to automated tests

Beyond Key-word driven testing yet easier than recording

- Visually declare application objects via drag and drop with patented Snapshot technology
- Uniquely identify objects using a rich array of descriptors including attributes, relative location, relationships
- Advanced recognition for custom textual elements
- Graphically organize table rows and columns
- Create steps by dragging object/actions from Snapshots
- Automatically generated input and verify steps
- Test data tables automatically generated
- Create tests by dragging re-usable steps
- Exposes object attributes for testing and verification
- Selectors provide easy access to fields in tables and grids

What our customers say about AscentialTest

✅ It would take more than 25 lines of complex table access code to do what a Selector can do in a single statement.

✅ Our tests run 3 times faster using Zeenyx's Universal Agent.

✅ Having a single tool support both the web and our backend iSeries applications allows us to automate end to end tests.

✅ With AscentialTest's built-in data tables, access to test data from our tests is seamless.

✅ The path statement is so expressive that we find a multitude of ways to identify objects that were not even seen by other test tools we've tried.
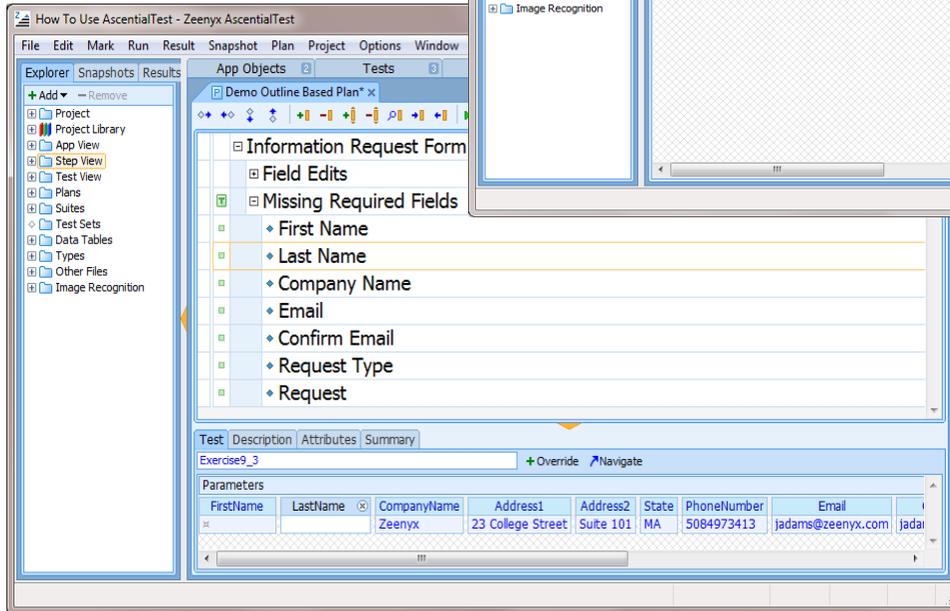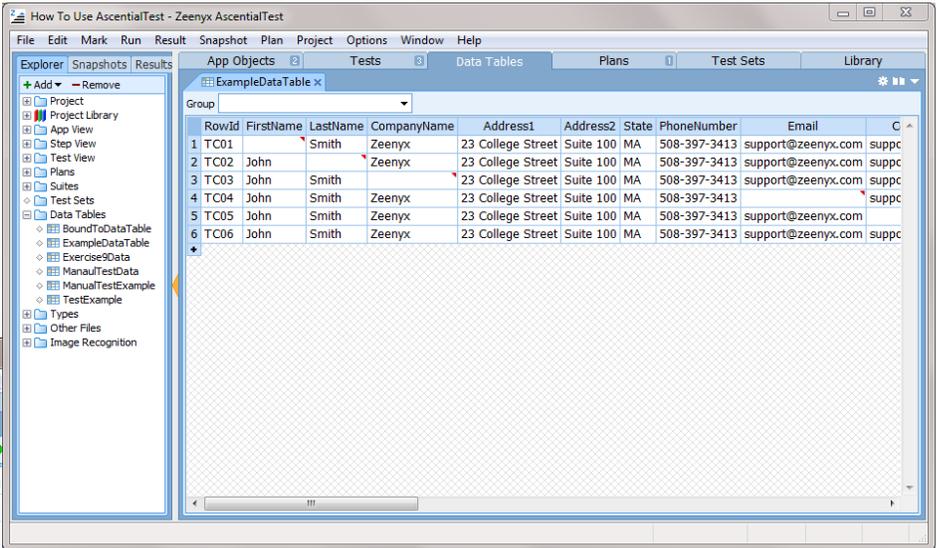
The Bottom Line

Our mission is to provide a testing solution where users build robust manual and automated tests from reusable components that are created without recording or scripting. Our patented Snapshot technology is the core of AscentialTest. By interacting with Snapshots and a series of dialogs, our users create object definitions, data tables and tests. Instead of recording streams of application input that can produce tests that are difficult to maintain, AscentialTest allows the user to create relationships between application objects and data tables so that steps to populate forms and verify results can be automatically generated and maintained. At Zeenyx, we believe that a test management solution should allow everyone on the team to participate in the development of manual and automated tests.

AscentialTest is an enterprise level Test Management System that encompasses Test Planning, Test Development, Test Data Management, Test Execution and Defect Tracking.

Test Management

- Create test plans and suites
- Link tests to plans via drag and drop
- Integrate tests seamlessly with test data
- Manage test components with integrated source control to support large teams
- Manage test progress and results in a centralized database
- Generate reports through a web interface
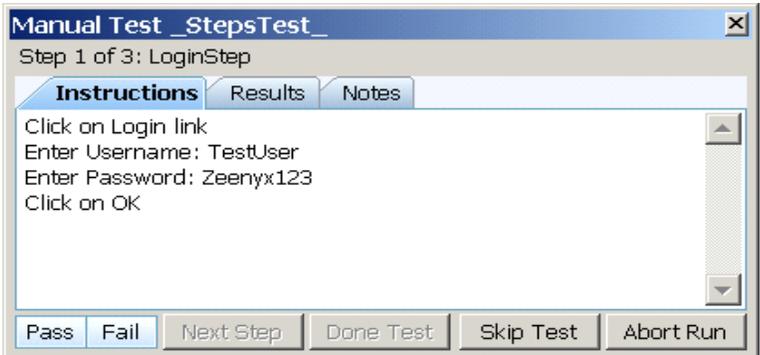- Integrate test results and defect reports

Data Management

- Generate data tables automatically based on test input parameters
- Visually manage complex data including lists and records
- Access data at runtime via a simple query without need to transform data types
- Project and Plan level data provide single point of change
- Data validation reduces entry errors
- Import data from Excel and .csv format

Manual Test Execution

AscentialTest provides a unique way to create and execute manual tests. Manual tests are developed by combining and organizing re-usable steps by drag and drop. At test execution time, the tester is prompted with instructions for each step and provided a way to capture outputs and notes. Results are stored along with automated test results, making it easy to generate comprehensive reports:

- Tests are created by dragging and dropping re-usable steps.

- Outputs captured in one step can be linked to input instructions of subsequent steps so that the tester is provided with session specific instructions.

- Data lookups can be embedded within instructions so that the tester is provided with current and relevant test data. Significant time is saved searching for records and eliminating input errors due to out-of-date data.

- Semi-automated tests can be easily developed by combing automated and manual steps.

- Application images can be captured during execution for display in test results or defect reports.

Tests built with AscentialTest can be run against all of our supported browsers and browser versions.

Tests can be ported from one locale/language to another at a fraction of the time required with other tools.

Platform Support

- Windows clients
- SWT
- Internet Explorer
- Firefox
- Chrome
- Java – Swing
- dotNet – Winforms, WPF
- Component One, DevExpress
- PowerBuilder
- Terminals
- Siebel

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