Replay Xcessory

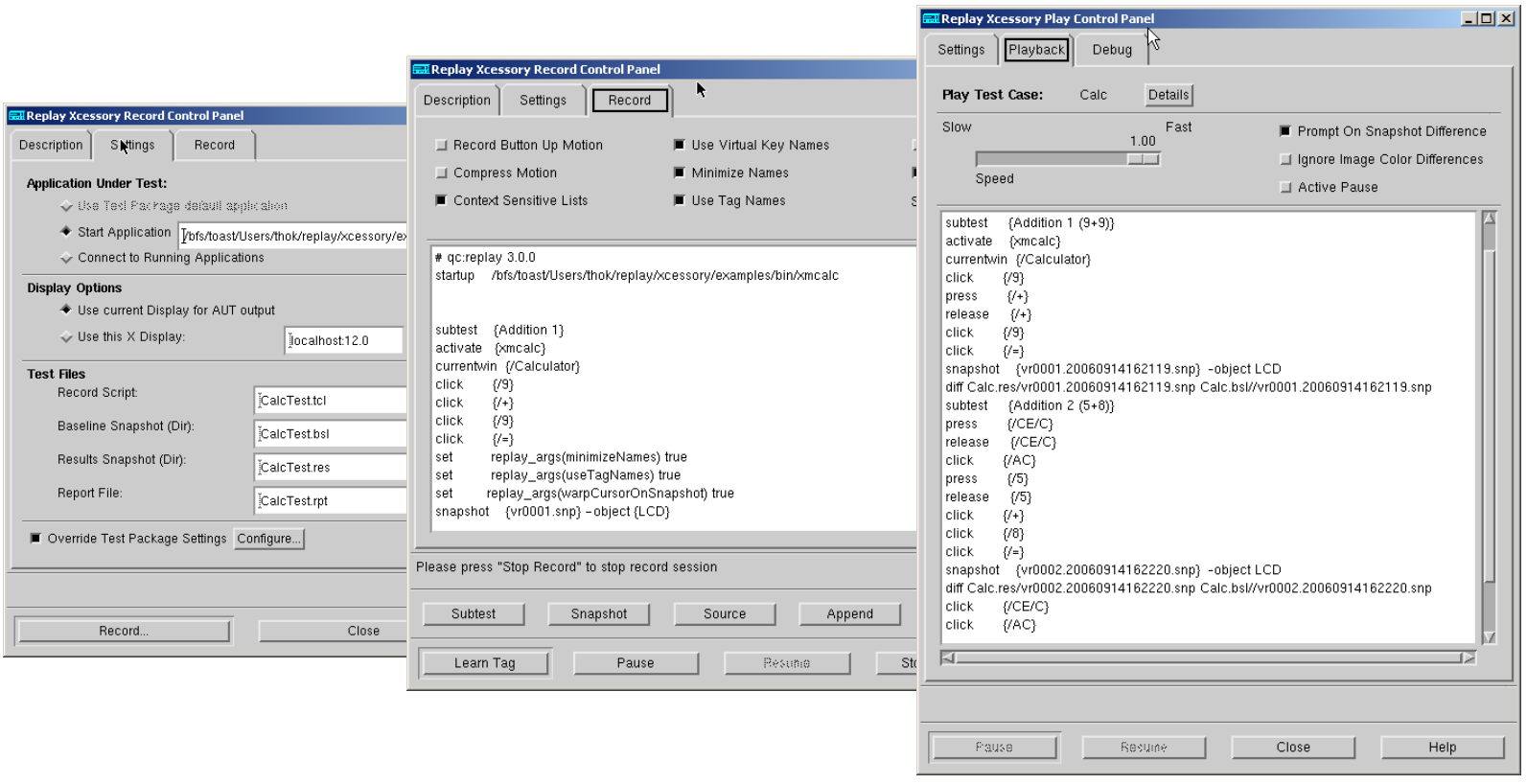
The Comprehensive Testing Environment for X/Motif Applications

Replay Xcessory™ saves you and your team countless hours of testing and re-testing X/Motif applications. True widget awareness, a non-proprietary scripting language, and automatic synchronization deliver object-based capture/playback verification of even your most sophisticated applications.

Free Evaluations Available
www.ics.com/products/motif/testing/replayxcessory

Key Features

- Automatic testing of two or more applications
- Full Tcl support eases creation and maintenance of complex tasks
- Automatic synchronization with system response time prevents script failures
- Optical character recognition
- Ability to copy and link test cases between test packages
- Supports any X server or X terminal
- Supports custom widgets
- Interactive or unattended playback
- Automatically generates reports
- Visual tag management



ICS Integrated Computer Solutions Incorporated

54 Middlesex Turnpike • Bedford, MA • 01730
www.ics.com • info@ics.com • 617.621.0060

The Comprehensive Testing Environment for X/Motif Applications

The Highest Performance, Least Intrusive Testing Solution

Replay Xcessory tests your applications faster and with greater accuracy than any other testing tool available today. Because Replay Xcessory minimally instruments the application under test (AUT), and in only the most effective place—the X Toolkit library (Xt)—your tests are completed rapidly and with the least amount of impact on the application. There are no additional libraries to link and no modifications to source code. Since Replay Xcessory does not require any X server instrumentation, it runs on any X terminal or X server. Tests are easily created by automatically recording interactions with the application. Captured in standard Tcl scripting, Replay Xcessory provides an open solution for testing distributed systems, applications, and data.

From Zero to Tested in Five Minutes

Creating, executing, and reviewing tests is intuitive with Replay Xcessory: just use your application! There is no need to describe objects. Because of Replay Xcessory's unique widget-awareness, you can get started right away and have results in just minutes. For more complex systems, you can record multiple applications running together, capturing the ways in which they interact. Replay Xcessory is flexible enough to support you from initial coding through unit and system-level testing.

Intuitive Feedback Throughout Testing

As you use your application, Replay Xcessory captures widget events and translates them into readable scripts. You identify test points for verification by selecting the desired GUI widgets. A simple click on those objects tells Replay Xcessory to record a reference snapshot. This snapshot is used during playback to ensure that the application delivers the correct response.

Seamlessly Supports Custom Widgets

Maintain your freedom to use third-party, customized, or homegrown widgets in your applications. Replay Xcessory will test them, seamlessly, along with the rest of your application—*with no programming required*! Replay Xcessory even automatically supports the widgets developed by your organization, including modifications to standard widgets.

Build Libraries of Test Suites

Any new or existing manual test plans you have can be recorded as soon as you have installed Replay Xcessory. They can then be saved to a library of test suites. After recording tests, you can play them back by selecting the appropriate scripts and baselines in Replay Xcessory's integrated Test Manager. For efficiency, you can play them back at high, medium, or slow speed, or even pause the application to examine something. You can even run all tests in the background, freeing your workstation for other tasks.

Interactive or Unattended Playback

As your library of test suites grows, you can progress to unattended execution, scheduling your tests to run overnight. Replay Xcessory also has a complete command line interface so you can integrate it into your build process. All reports and log files are saved for you to examine when the tests are complete.

Automatic Report Generation

Replay Xcessory generates pass/fail reports automatically. Reports are created through comparisons of baseline results to subsequent runs or programmatically through Tcl. Differences in snapshots (application states) are shown in the report and may be looked at with a diff program by selecting the line in the report that indicates a failure and then double clicking.

ICS Integrated Computer Solutions Incorporated

54 Middlesex Turnpike • Bedford, MA • 01730
www.ics.com • info@ics.com • 617.621.0060