

# Test Automation Workshop

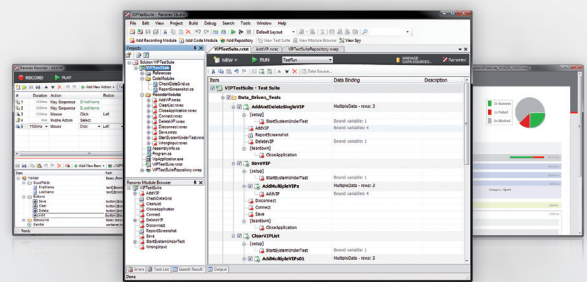
## Theory and Practice

Ranorex simplifies the creation of automated UI tests in many ways, but how can the Ranorex Tools assist you in achieving a successful project outcome? When and how do you use the Ranorex Recorder? How can using the Ranorex API enhance development?

### Content

During this workshop you will get to know more about the theoretical side of software testing as well as learning about key factors in test automation. You will find out in what situations test automation makes sense and how it can assist you in saving money.

In addition to information about theory, time will also be spent on the practical implementation of the approaches presented using Ranorex Studio. An important part of the workshop is object identification as a requirement for successful test automation. Among other useful hints and tricks, numerous possibilities for using the Ranorex API will be presented, and you will see how the Ranorex



Repository can help you in reducing the time and effort needed for maintenance. Working in teams will be covered as well as using the Ranorex Recorder which is much more than a "Capture & Replay" tool.

### Outcome

After the workshop you will be able to create a test automation plan and to realize this idea with the help of Ranorex Tools. You will come to understand the requirements, the stumbling blocks and the absolute "no-gos" in test automation. In addition to theoretical background and practical hints (best practices), you'll also benefit by having the chance to network with people in other companies that are using the Ranorex Test Automation Framework.

### Target Group

This workshop is for anyone working in the field of quality assurance: developers, test engineers, test developers, test managers, quality managers, tool professionals and technically oriented domain testers. You will benefit most if you're planning to start working with Ranorex in the near future or if you've already started doing test automation projects with Ranorex.

San Francisco, CA, USA  
**October 11<sup>th</sup>-12<sup>th</sup> 2012**  
Hotel Whitcomb, San Francisco

Duration: 2 days  
Language: English  
Participants: maximum of 12  
Lunch included

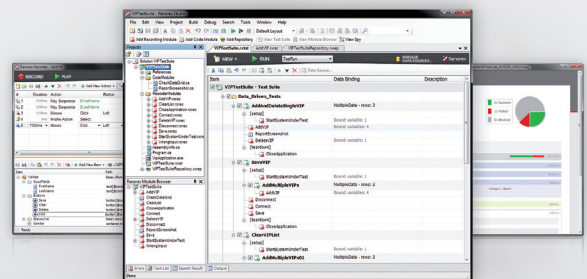
Workshop price per person:  
**\$990.00**  
(excluding tax)

Participants should minimally have basic knowledge of software testing concepts and/or software development concepts.

# Workshop Agenda

## Theory and Practice

- » Test Automation Theory
  - » Introduction
  - » Benefits and Guidelines
- » Ranorex (How To and Best Practices)
  - » Ranorex - Tool Overview
  - » Ranorex Studio
  - » Getting Started - A Simple First Test Case
  - » Object Identification
  - » Ranorex Spy
  - » Robustness of Test Automation
  - » Ranorex Modules and Reusability
  - » Data Driven Testing
  - » Ranorex Recorder
  - » Multi-Language Testing
  - » User Code (Reporting and Validations)
  - » Code Modules (Accessing UI-Elements with and without Ranorex Repository)
  - » Repository - UI Mapping
  - » Ranorex Test Suite
- » Different Testing Approaches and Practical Implementation
  - » Keyword Driven Testing
  - » Test Driven Development
  - » Data Driven Testing
- » Working in Teams
  - » Version Control Systems
  - » Unit Separation
- » Test Management Tools, Continuous Integration and Integration of Ranorex



October 11<sup>th</sup> 2012

Start: 9:00 AM End: 5:00 PM

October 12<sup>th</sup> 2012

Start: 9:00 AM End: 5:00 PM