

# profi.com FlexTest

State-of-the-Art Object Recognition



## **Audience:**

- Test automation specialists working in QA departments
- Test managers

## **Service:**

- Object recognition in QTP for modern third-party frameworks
- Minimized cost and effort in test automation

## **Application Software:**

- HP QuickTest Professional
- HP ALM (Business Components)

## **Benefits:**

- Enjoy more stable testing
- Make use of convenient structure and maintainability
- Now automate applications that previously were difficult to automate
- Reduce test generation and maintenance effort by up to 90 percent
- Minimize risk of test run errors
- Speed up automated testing
- Increase the rate of automated tests within the general test concept
- Use with classic HP QTP tests as well as with keyword-driven and scripted Business Components

**Our Solution:** ... automate more efficiently with profi.com FlexTest

## Product Description

- QTP Add-Ins for known GUI Frameworks (DevExpress, DevComponents, etc.)
- Incorporation of additional components at fixed price

## Background Information

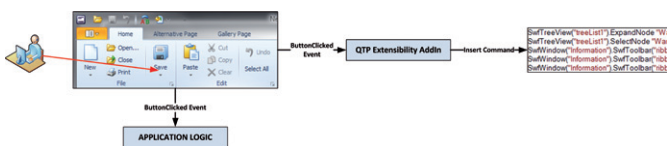
- Applications based on modern frameworks/technologies are not always ideally suited to be automated using HP QTP Standard Functions
- Workarounds are often unstable, unreliable, and slow
- "Record & replay" does not work in such cases

## Benefits for Test Automation Specialists

- Enhance object recognition capabilities for HP QuickTest Professional
- Generate and maintain test cases faster, more reliable, and more conveniently, especially for applications that previously were difficult to automate

Use for:

- ideal object recognition
- "record & replay"
- maintenance runs
- generation of more stable tests in less time
- minimizing test run errors due to poor object recognition



## Benefits for Test Managers

- Enjoy more stable testing at significantly less cost and effort
- Establish higher automation rates
- Increase your teams' productivity
- Improve efficiency of your test processes
- Reduce time to market
- Improve quality of your software with shorter test iterations

## Technical Realization

- Use of HP QTP Extensibility Add-In SDKs
- Implementation according to specific requirements and technologies applied
- Selection of method suited best for improving object recognition
- Recording of user interaction within the application
- Repetition through simulation of user input

## Applicable Cases

- ERP application based on GUI Framework DevExpress
- A wide array of grids, ribbons, input fields, and options is used
- Automation with HP QTP Standard Components can only be achieved through major workarounds and without automatic recording of test cases
- FlexTest already offers support for a variety of DevExpress Controls
- Controls previously not supported, but required by the customer, are implemented at fixed price (per control) and become part of the FlexTest Basic Package
- With the aid of Add-Ins a more efficient test case automation is now possible, either based on HP QTP or even on Business Components
- Test cases are now more resistant to changes within applications and can be executed much quicker than with regular workarounds



## Contacts

Michael Schröer  
Sales Manager Germany  
Office Berlin  
+49 30 25 89 40 58  
mschroer@proficom.de

Thomas Jähniß  
Manager Software  
Development  
+49 157 74 65 35 32  
tjaehniß@proficom.de

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