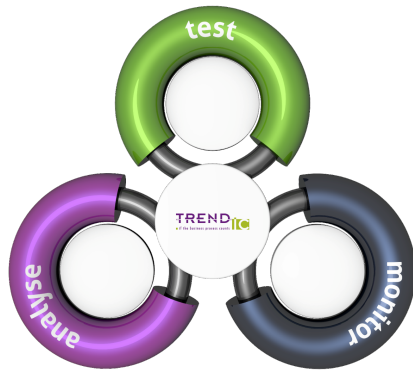




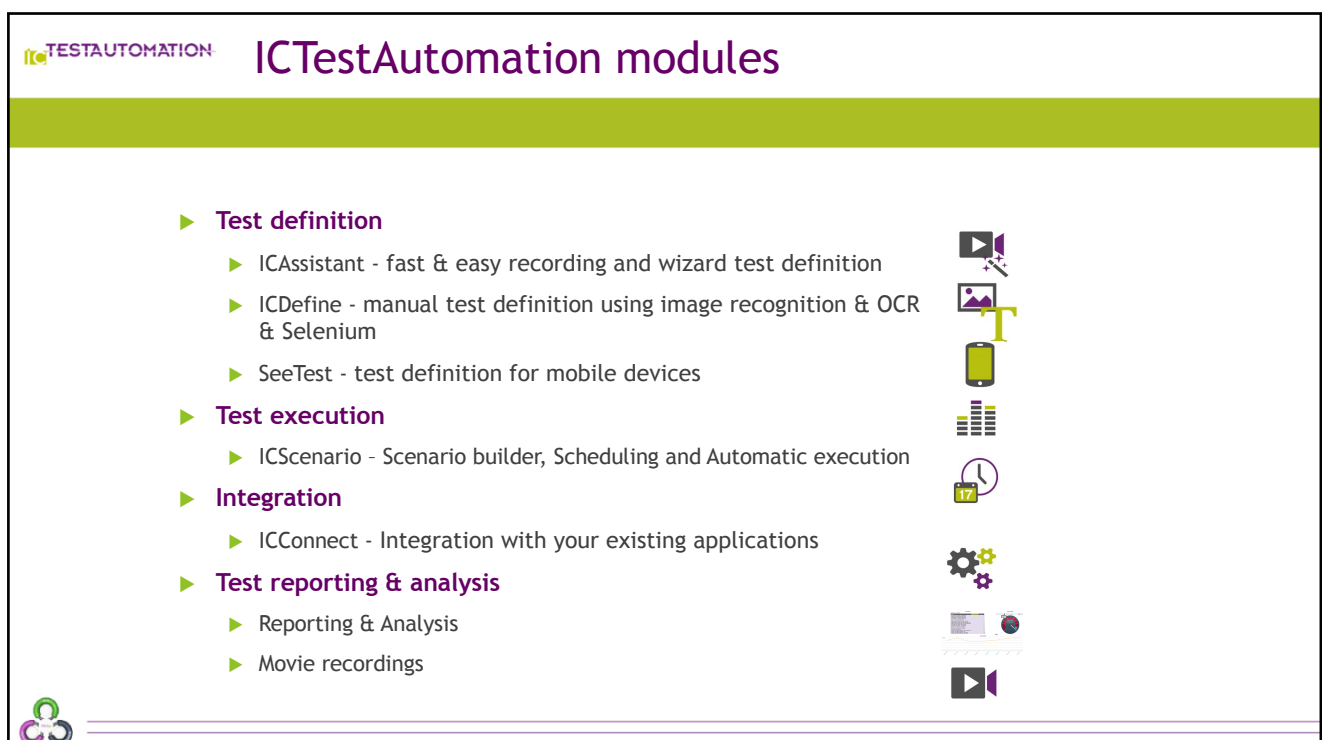
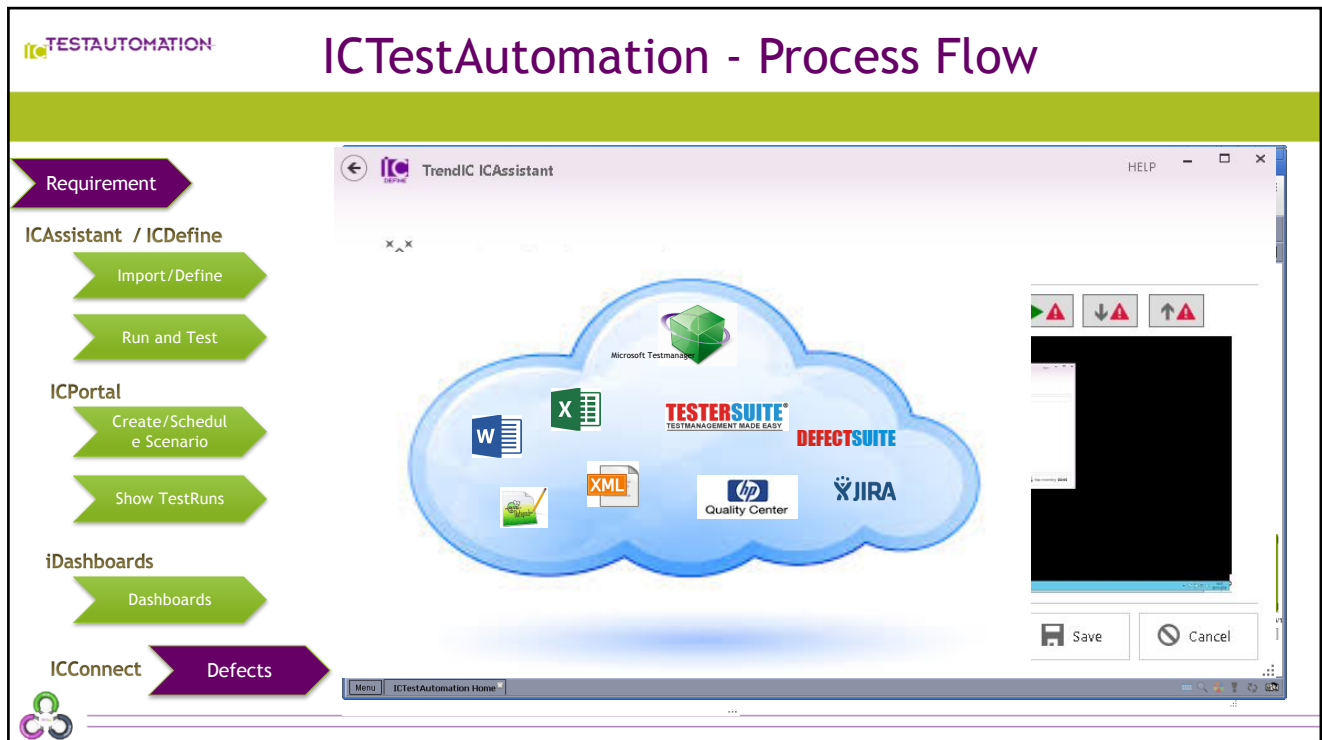
Zomerworkshop 2017 ICTestAutomation with Selenium Webdriver

Koen van Putten
Nick Hazelaar
René Hazelaar



1

Introductie

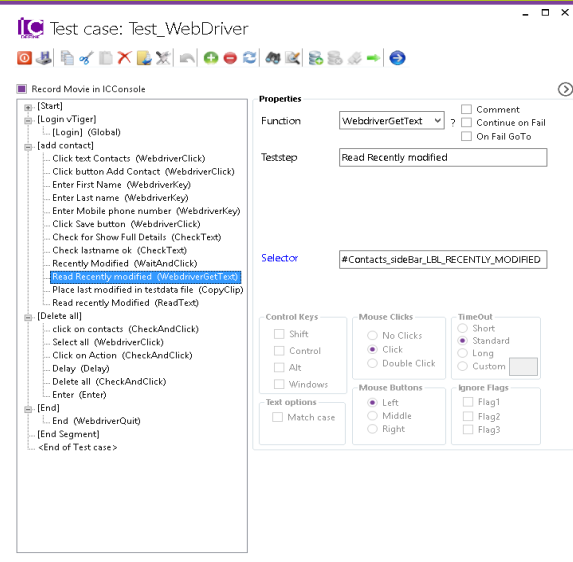



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ICTestAutomation & Selenium

- ▶ 9 webdriver functions
- ▶ No coding
- ▶ Compatible with all ICTestAutomation modules



2

ICDefine: basisfuncties

TESTAUTOMATION

Veelvoorkomende functies in ICDefine

	ICDefine Functions
Input	Key KeyAndTab KeyAndEnter
Action	ClickImage ClickText Enter
Verify\ Synchronization	WaitAndClick(Image) CheckAndClick(Text) WaitStatic(Image)

TESTAUTOMATION

TESTAUTOMATION

Webdriver functies in ICDefine

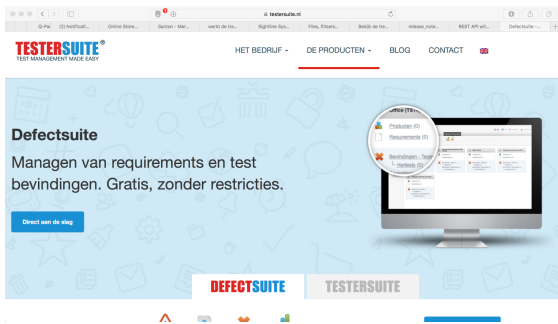
	ICDefine Functions
Input	WebdriverNavigate WebdriverKey WebdriverPOST WebdriverStart WebdriverQuit
Action	WebdriverFocus WebdriverClick WebdriverGetText (CopyClip)
Verify\ Synchronization	

TESTAUTOMATION

TESTAUTOMATION

ICConnect Integration Module

- ▶ REST API web services with JSON support
- ▶ Integration is currently available(tested) with:
 - ▶ ServiceNow
 - ▶ DefectSuite/TesterSuite
 - ▶ Microsoft Test Manager
 - ▶ Atlassian Jira v7 and Cloud v1000.x
 - ▶ TeamCity
 - ▶ Jenkins



3

ICDefine: basisfuncties (maak testcase)

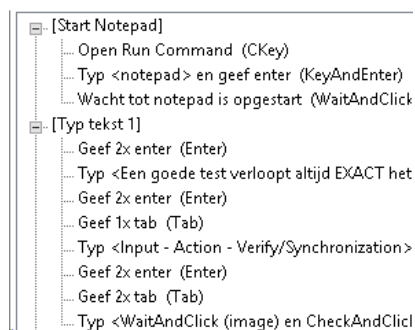
Veelvoorkomende functies in ICDefine

	ICDefine Functions
Input	Key KeyAndTab KeyAndEnter
Action	ClickImage ClickText Enter
Verify\ Synchronization	WaitAndClick(Image) CheckAndClick(Text) WaitStatic(Image)



Segmenten en teststappen

- Segment bestaat uit teststappen



- Zorg voor goede 'hygiëne' in je testcase en besteed veel aandacht aan goede benaming van segmenten en teststappen.



Afbeeldingen

- ▶ Als .bmp opgeslagen in Resources
- ▶ Maak afbeeldingen uniek en klein
- ▶ Denk aan status applicatie/afbeelding:
 - ▶ Selected
 - ▶ Unselected
 - ▶ Mouseover /hover
- ▶ Handig: F8 vanuit venster Image Capture
- ▶ Makkelijker zoeken met Attributes en Filter
- ▶ Maak goede procedure voor naamgeving afbeeldingen!



Webdriver functies in ICDefine

	ICDefine Functions
Input	WebdriverNavigate WebdriverKey WebdriverPOST WebdriverStart WebdriverQuit
Action	WebdriverFocus WebdriverClick WebdriverGetText (CopyClip)
Verify\ Synchronization	WaitAndClick(Image) CheckAndClick(Text) WaitStatic(Image)

Gebruik CSS Selector of Xpath (Inspect/copy Selector or XPath)



4

Opdracht:
Webdriver
(maak testcase)

TESTAUTOMATION

Opdracht: testcase voor Vtiger CRM



Maak een testcase voor het toevoegen van een contact in Vtiger CRM.

Contact toevoegen in Vtiger CRM

username:
user10-user23

password:
user10-user23





Beschrijving opdracht

- ▶ Gebruik Testcase 'Training'
- ▶ Browser Chrome
- ▶ URL: crmdemo.trendic.nl
- ▶ Contact toevoegen
- ▶ Kies de juiste naamgeving in de teststap omschrijving!



Resultaat: Test_Webdriver

The screenshot displays the 'Test case: Test_WebDriver' interface. On the left, a list of test steps is visible, including 'Start', 'Login vrtger', 'Add contact', 'Click test Contact', 'Click button Add Contact', 'Enter First Name', 'Enter Last name', 'Enter Mobile phone number', 'Click Save button', 'Check for Show Full Details', 'Recently Modified', 'Read Recently modified', 'Place last modified in testdata file', 'Read recently Modified', 'Click on contacts', 'Select all', 'Click on Active', 'Delay (Only)', 'Delete all', 'End', and 'End Segment'. The central area shows the 'WebdriverClick' function properties, including 'Function', 'Test options', 'Wait', and 'Selector'. The right-hand pane contains a 'Table of Contents' and a 'Webdriver Function Properties' table.

Webdriver Function	Description
WebdriverAlert	
WebdriverClick	
WebdriverFocus	
WebdriverGetText	
WebdriverKey	
WebdriverNavigate	
WebdriverPOST	
WebdriverQuit	
WebdriverStart	



6

Afronding en evaluatie

 TESTAUTOMATION

ICTestAutomation Suite - voor sneller en beter testen!

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