Tilburg University

Scriptiedossier - Testdocument

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I Introduction

In 2013 till 2017 I was working on a project where we are working on add ins for Office365. These add ins must be tested when they where ready.
For this all the tests where created with Visual Studio with using Selenium. That was working fine. But there are some little issues to work with that:

- You need developer experience to use it;
- It will cost much time to add new test steps, or to edit them;
- You need Visual Studio to create the test cases;
- It is not the most clear way of working.

In 2018 I went to another project, but also creating software to use in a browser and I get the idea to create a automatic test tool for testing web browser applications.

The application you use is the result.

II Testscripts

Enter topic text here.
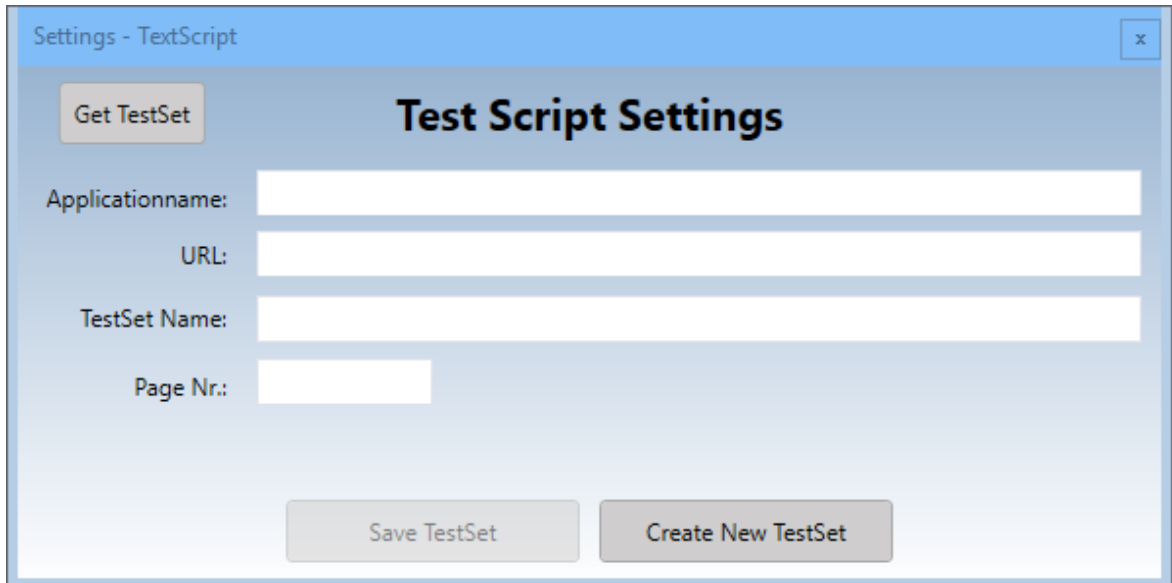
2.1 Edit Test Steps

2.2 Edit Test Scripts

III Settings

This menu option contains all the resources the user can configure the application.

3.1 TestSet

This option makes it possible to create or edit a TestSet.

Get TestSet

For loading an existing TestSet.

Applicationname

Put here the name of the application you want to test

URL

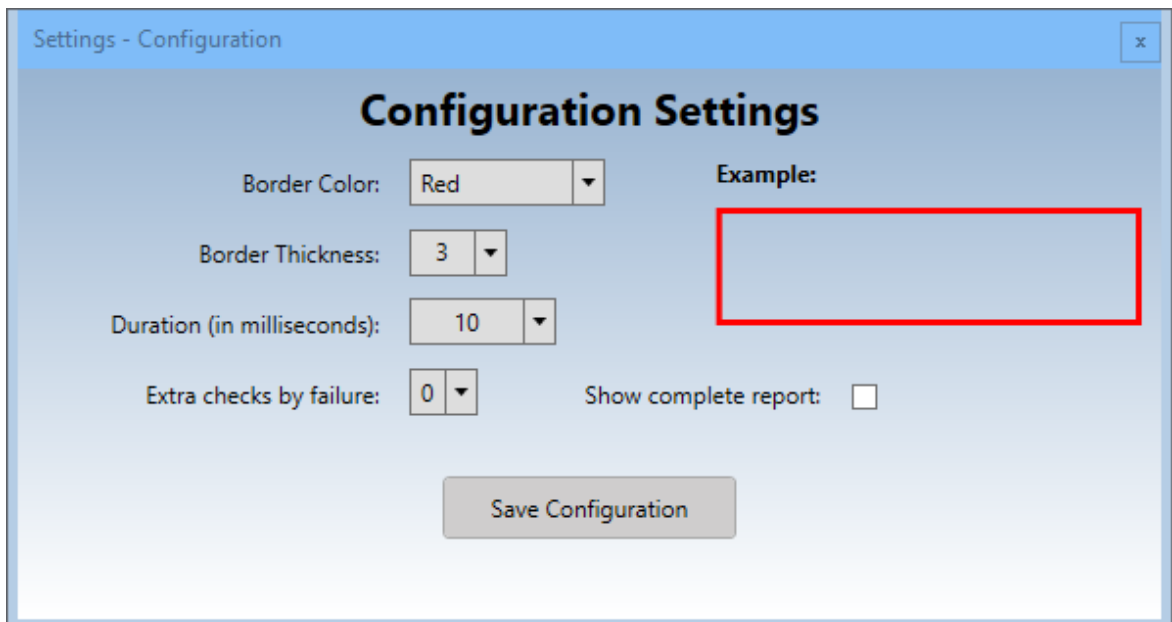Put here the url for going to the website.

TestSet Name

The name of the TestSet.

Page Nr.

The number of the page.

3.2 Configuration

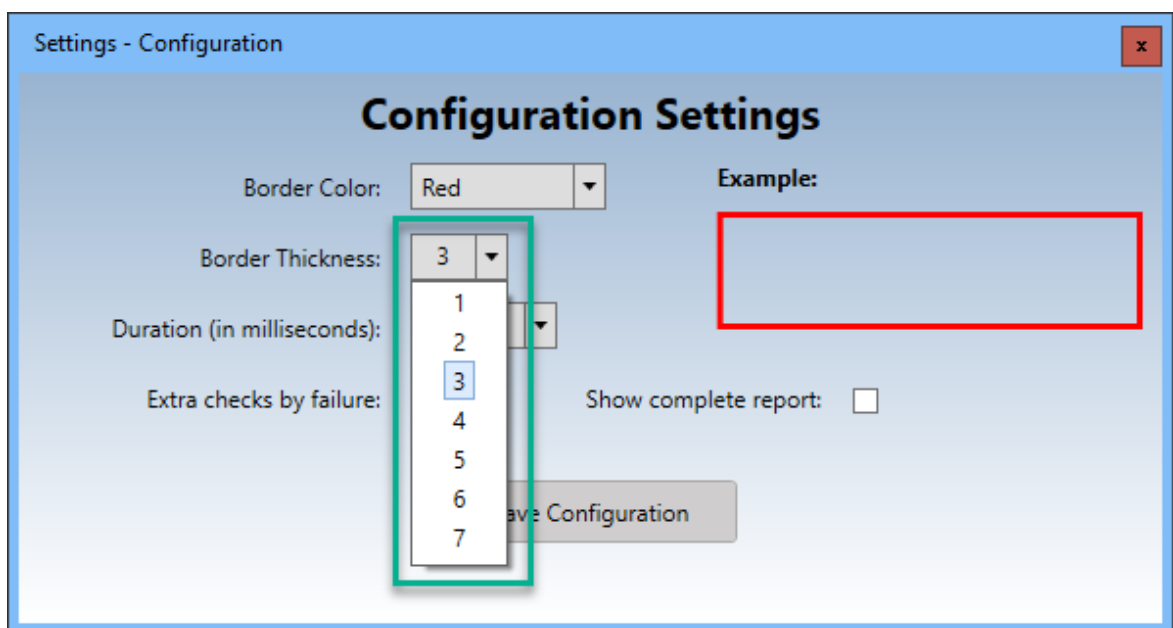### 3.2.1 Border Color

With this option the user can set the color of the rectangle showed when a visible element is found in the web page. He/she can choose one of the 141 colors in the Windows system.

3.2.2 Border Thickness

It is possible to show the choose the border color with a thickness.

You can select 1 till 7.

The standard value will be 3.

3.2.3 Duration of the test step

For each test step it is possible to configure the duration of them.

The options are:

10
20
50
100
200
500
750
1000
1250
1500
2000
3000
5000
10000

All these values are in milliseconds.

3.2.4 Extra checks at failure

3.2.5 Show complete testreport

3.3 Database connection

3.4 Overall Settings

In the Overall Settings part the user has the option to indicate where the settings files are and where the data files are stored.

In the Settings Directory the following files are stored:
- chromedriver.exe
- config.xml

- connect.xml
- firefox.exe
- geckodriver.exe
- IEDriverServer.exe
- MicrosoftWebDriver.exe
- msedgedriver.exe
- serialXML.xml
- ServerFile.xml
- style.css

The .exe files are the driver files for the several webbrowser.

The style.css files is used for showing the testresults in HTML format.

In the config.xml file contains the following values:
- bordercolor
- borderwidth
- duration (per teststep)
- checks
- errors

See also Configuration for more information about the stored values in the config.xml file.

IV   Extras

Enter topic text here.

4.1 Elements URL

Enter topic text here.

4.2 Elements Database

Enter topic text here.

V   Test Execution

Enter topic text here.

5.1 Using the application

Enter topic text here.

5.2 Using the CMD prompt

Enter topic text here.

5.3 Using a batch file

Enter topic text here.

5.4 Using Edit Test Scripts

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