

# Tilburg University



## Scriptiedossier - Testdocument

# Inhoudsopgave

<b>Deel I</b>	<b>Introduction</b>	<b>1</b>
<b>Deel II</b>	<b>Testscripts</b>	<b>2</b>
	1 Edit Test Steps .....	2
	2 Edit Test Scripts .....	2
<b>Deel III</b>	<b>Settings</b>	<b>3</b>
	1 TestSet .....	3
	2 Configuration .....	4
	Border Color .....	5
	Border Thickness .....	5
	Duration of the test step .....	6
	Extra checks at failure .....	7
	Show complete testreport .....	7
	3 Database connection .....	7
	4 Overall Settings .....	8
<b>Deel IV</b>	<b>Extras</b>	<b>10</b>
	1 Elements URL .....	10
	2 Elements Database .....	10
<b>Deel V</b>	<b>Test Execution</b>	<b>10</b>
	1 Using the application .....	10
	2 Using the CMD prompt .....	10
	3 Using a batch file .....	10
	4 Using Edit Test Scripts .....	10
	<b>Index</b>	<b>11</b>

# 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

[Edit Test Steps](#)

[Edit Test Scripts](#)

### 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.

To create / edit a TestSet the user can select the [TestSet](#) option.

#### 3.1 TestSet

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

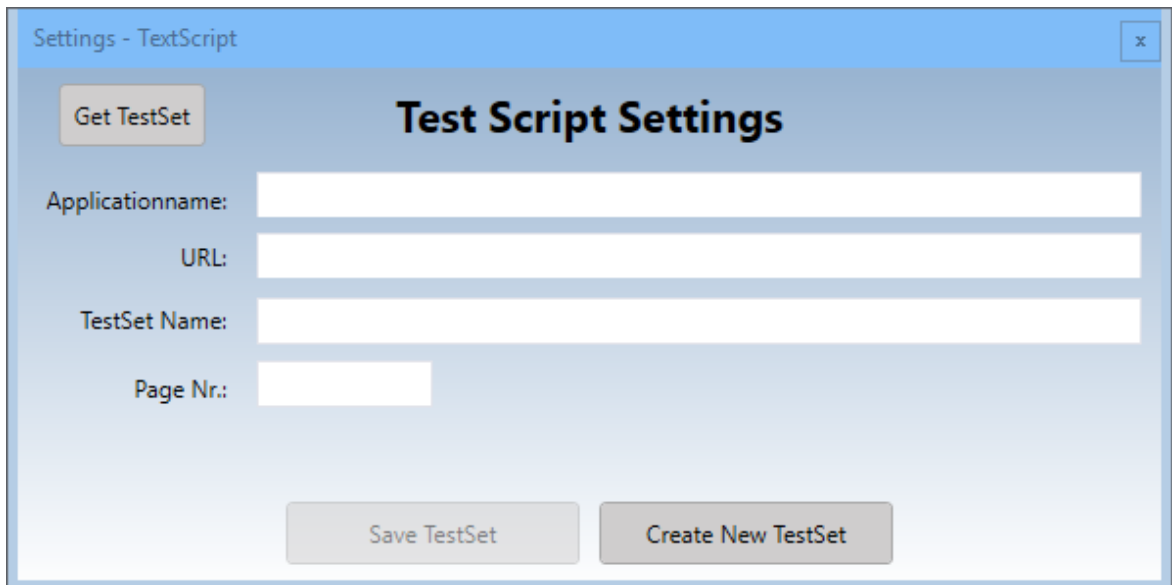
The screenshot shows a web application window titled "Settings - TextScript". Inside, there's a section titled "Test Script Settings". On the left, there's a button labeled "Get TestSet". Below it are four input fields with labels: "Applicationname:", "URL:", "TestSet Name:", and "Page Nr:". At the bottom of the form, there are two buttons: "Save TestSet" and "Create New TestSet".

Figure 1 Empty Test Script Settings options

##### **Get TestSet**

For loading an existing TestSet.

##### **Applicationname**

Put here the name of the application you want to test

##### **URL**

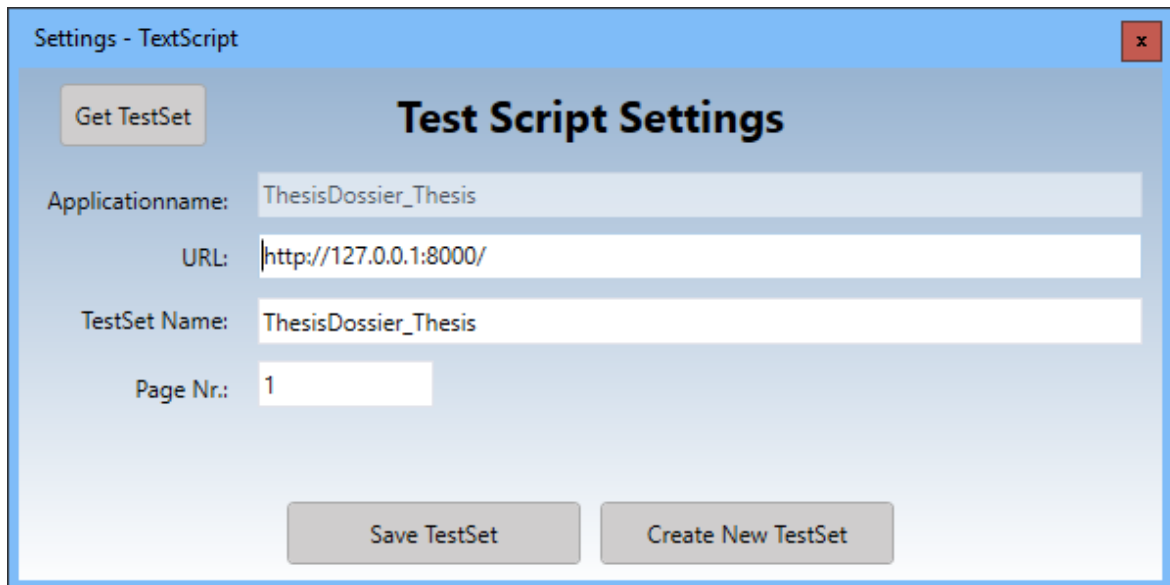
Put here the url for going to the website.

##### **TestSet Name**

The name of the TestSet.

##### **Page Nr.**

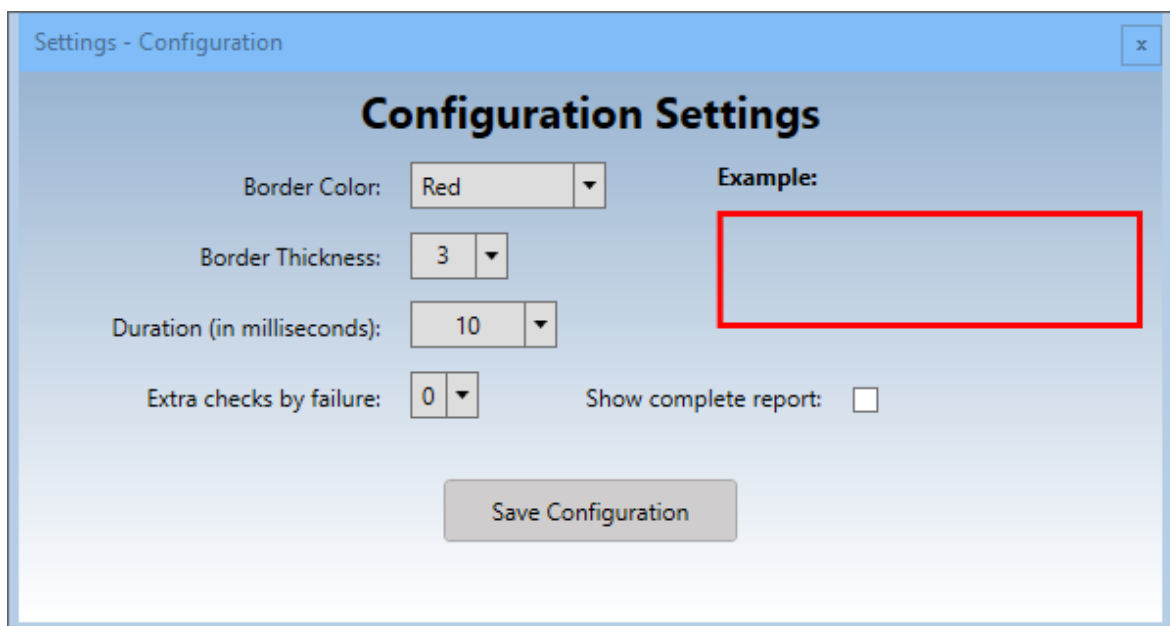
The number of the page.



The screenshot shows a window titled "Settings - TextScript" with a close button (x) in the top right corner. Inside the window, there is a section titled "Test Script Settings". At the top left of this section is a button labeled "Get TestSet". Below the title, there are four input fields: "Applicationname:" with the value "ThesisDossier\_Thesis", "URL:" with the value "http://127.0.0.1:8000/", "TestSet Name:" with the value "ThesisDossier\_Thesis", and "Page Nr.:" with the value "1". At the bottom of the section are two buttons: "Save TestSet" and "Create New TestSet".

Figure 2 Filled Test Script Settings options

### 3.2 Configuration



The screenshot shows a window titled "Settings - Configuration" with a close button (x) in the top right corner. Inside the window, there is a section titled "Configuration Settings". On the left, there are four settings, each with a label and a dropdown menu: "Border Color:" with the value "Red", "Border Thickness:" with the value "3", "Duration (in milliseconds):" with the value "10", and "Extra checks by failure:" with the value "0". To the right of these settings is an "Example:" label followed by a rectangular box with a red border. Below the settings is a checkbox labeled "Show complete report:" which is currently unchecked. At the bottom center of the section is a button labeled "Save Configuration".

[Border Color](#)

[Border Thickness](#)

[Duration to each test step](#)

[Extra check at failure](#)

[Show complete testreport](#)

### 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.

It is possible to select one of the system colors. The user can choose from 140 different colors.

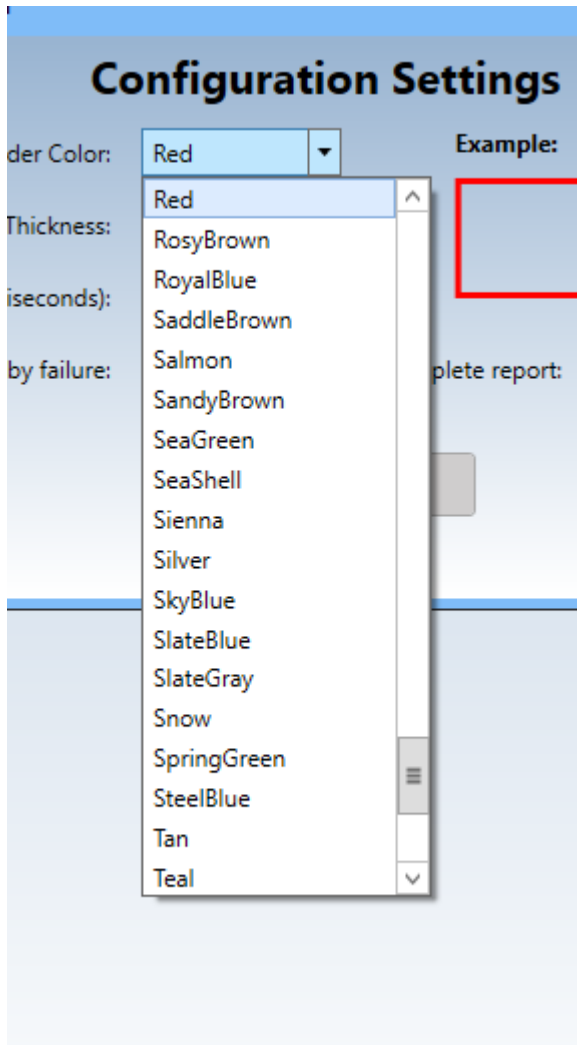
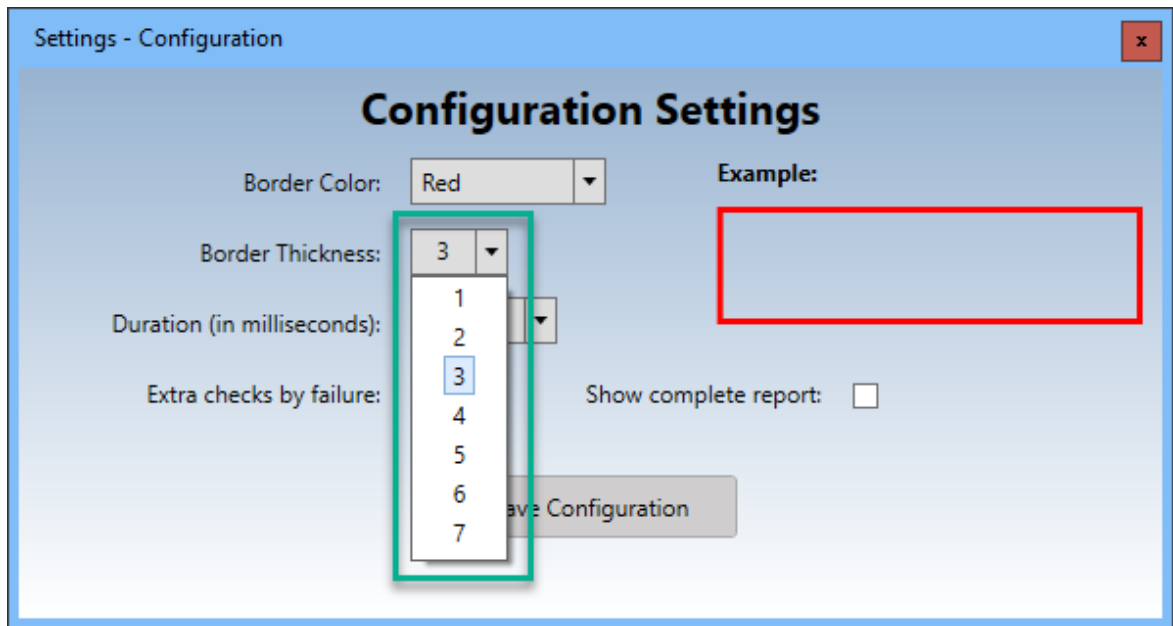


Figure 3: Select the Border Color.

After selecting another color, click the Save Configuration button to confirm the changes. The color will be saved in the config.xml file in the settings directory, which is configured in: [Overall Settings](#).

### 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.

After setting another Border Thickness, click the Save Configuration button to confirm the changes. The color will be save in the config.xml file in the settings directory, which is configured in: [Overall Settings](#).

### 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



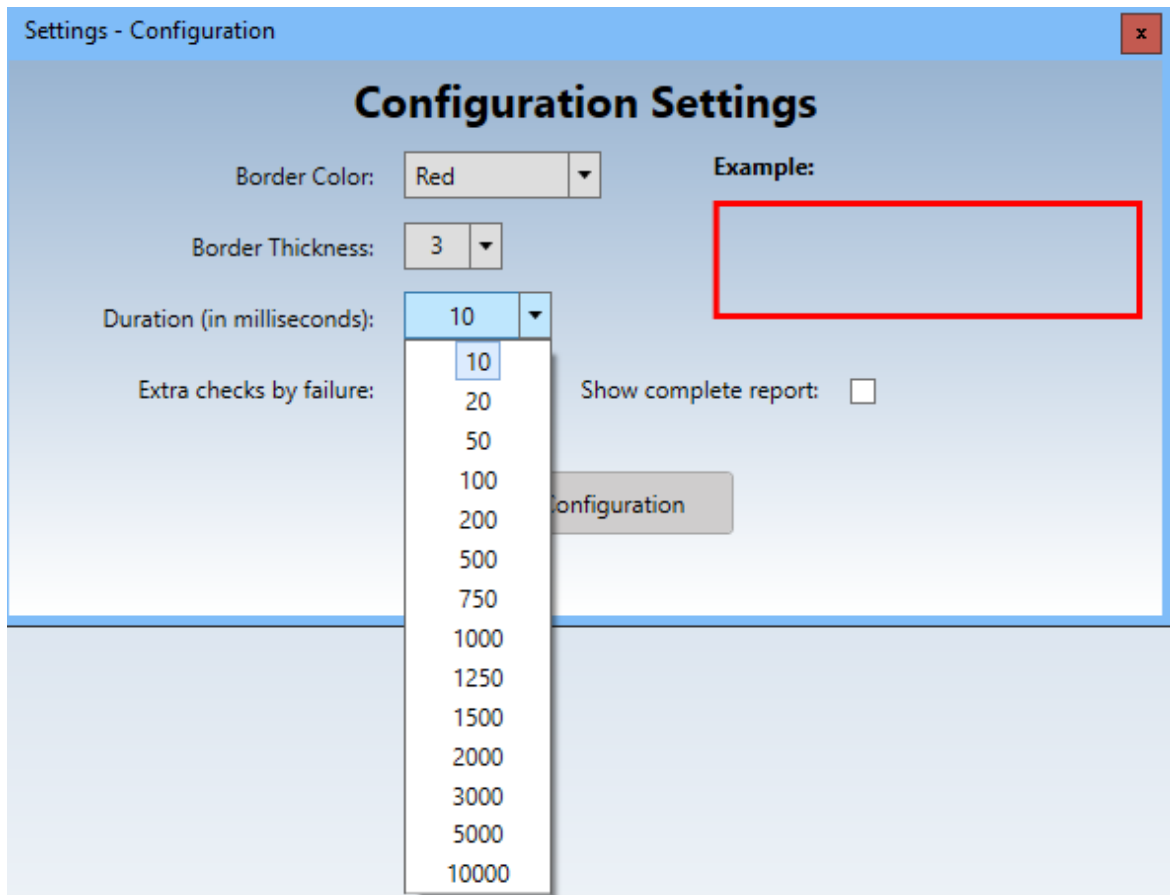


Figure 4: Duration selection.

All these values are in milliseconds.

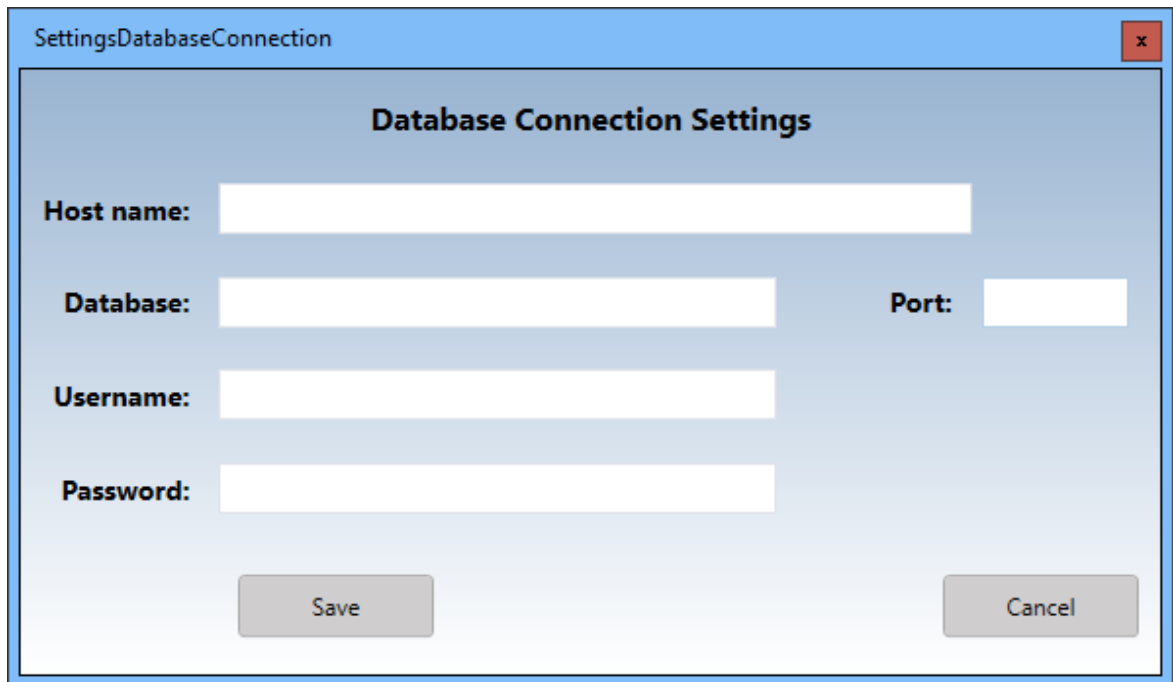
After changing the Duration, click the Save Configuration button to confirm the changes. The color will be save in the config.xml file in the settings directory, which is configured in: [Overall Settings](#).

### 3.2.4 Extra checks at failure

### 3.2.5 Show complete testreport

## 3.3 Database connection

The Database Connection Settings if for the connection with the database.



The screenshot shows a dialog box titled "SettingsDatabaseConnection" with a close button (X) in the top right corner. The main content area is titled "Database Connection Settings". It contains five input fields: "Host name:", "Database:", "Port:", "Username:", and "Password:". The "Database:" and "Port:" fields are grouped together. At the bottom, there are two buttons: "Save" and "Cancel".

Figure 5: Empty Database Connection Settings

***Host name***

***Database***

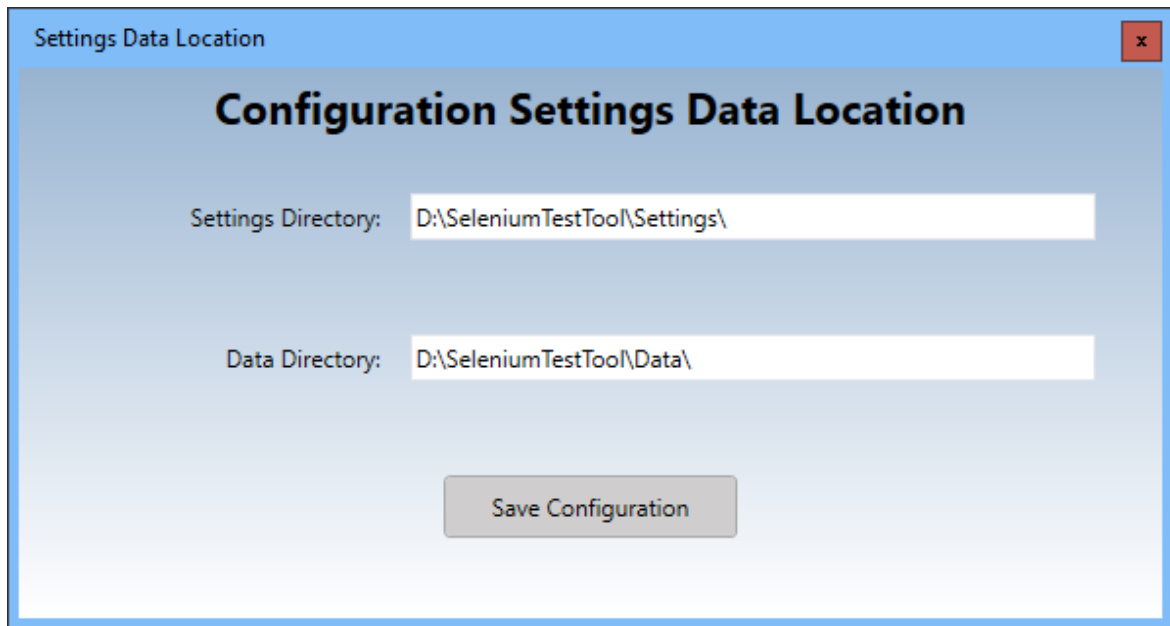
***Port number***

***Username***

***Password***

### 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**

---

# Index

## - B -

Border Color 5