

Lab 1

In this lab you learn to use JSP Expression Language and Actions.

In the meanwhile, you get a chance to practise your web development skills, in case they are a bit rusty after the holidays...

In this lab we will start with the management of two basic components of a web shop: *persons* and *products*.

Given

In *Toledo* / *Course Documents* / *Week 1*:

- a few domain classes to start off with,
- css- and html files to start off with,
- a test class `SeleniumWorksWellTest.java`,
- a test class `RegisterTest.java`,
- the file `jstl-1.2.jar`,
- stories describing the functionality you will have to implement.

Preparation

Web-project

- Create a *Dynamic Web Project* in Eclipse
- Create a package `domain` and copy the given domain classes to this folder
- Create a package `db` and copy the given db classes to this folder
- Copy the given web pages the folder `Webcontent`
- Copy the given `web.xml` to the folder `Webcontent/WEB-INF`
- In order to use JSP Actions, add the jar-file `jstl-1.2.jar` in the folder `Webcontent/WEB-INF/lib`.
- Create a *Source Folder* with the name `test` and copy the test classes to a package in this folder
- Start the web application. You should see the home-page.

Selenium

- Download `selenium-server-standalone-3.5.3` from <http://www.seleniumhq.org/download/>
- Add this jar to the Build Path as "*External jar*".
- Download chromedriver (<https://sites.google.com/a/chromium.org/chromedriver>). Save it to your computer.
- Adapt the test `SeleniumWorksWellTest` until it runs. Take care of links to chromedriver, selenium and junit, etc.

Persons – Very High Priority

Implement the stories:

1. StoryW01_PersonOverview
2. StoryW02_Register

Products – Very High Priority

Implement the story:

3. StoryW03_ProductOverview

Products – High Priority

4. StoryW04_AddProduct
5. StoryW05_UpdateProduct

Products – Medium Priority

6. StoryW06_DeleteProduct

Persons – Medium Priority

7. StoryW07_DeletePerson