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 untill 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:

1. StoryW03\_ProductOverview

# Products – High Priority

1. StoryW04\_AddProduct
2. StoryW05\_UpdateProduct

# Products – Medium Priority

1. StoryW06\_DeleteProduct

# Persons – Medium Priority

1. StoryW07\_DeletePerson