




Brown Dog Tutorial - Beta Release

Slides	Materials
 <p>Brown Dog <i>Tutorial Setup</i></p> <p>NCSA BOSTON UNIVERSITY SMU UNIVERSITY OF MARYLAND</p> <p>01 - Setup</p>	<p>Brown Dog Development Base</p> <p>Brown Dog Development Base (VM)</p> <p>Tutorial Materials</p>
 <p>Brown Dog <i>Using BDFiddle to Navigate the Data Transformation Service</i></p> <p>NCSA BOSTON UNIVERSITY SMU UNIVERSITY OF MARYLAND</p> <p>02 - BDFiddle</p>	<p>BDFiddle</p>
 <p>Brown Dog <i>Calling the Data Transformation Service API</i></p> <p>NCSA BOSTON UNIVERSITY SMU UNIVERSITY OF MARYLAND</p> <p>03 - Using the API</p>	<p>bd.py <i>handout:</i></p> <pre>#!/usr/bin/env python # coding: utf-8 # Author: NCSA, Boston University, SMU, University of Maryland # License: MIT # Description: A script to call the Data Transformation Service API. # It takes a URL and a query string as input and returns the response. # Usage: python bd.py <url> <query> # Example: python bd.py http://localhost:8080/transform?input=hello</query></url></pre>



converters-template

Adding Content

Exercise 4 *Exercise 4: Adding Content to the Existing Application*

1. Open the `src/main/java` folder.
Add the `src/main/java/HelloWorld.java` file.

```
// HelloWorld.java  
package org.springframework.samples.petclinic.web;  
  
import org.springframework.stereotype.Controller;  
import org.springframework.ui.Model;  
import org.springframework.web.bind.annotation.RequestMapping;  
  
@Controller  
public class HelloWorld {  
    @RequestMapping("/")  
    public String hello() {  
        return "Hello World!";  
    }  
}
```
2. Write a `WebInitializer` class.

```
// WebInitializer.java  
package org.springframework.samples.petclinic.web;  
  
import org.springframework.web.servlet.support.AbstractAnnotationMethodDispatcher;  
  
public class WebInitializer extends AbstractAnnotationMethodDispatcher {  
    public WebInitializer() {  
        super();  
    }  
}
```
3. Modify the `src/main/resources/org.springframework.samples.petclinic.web` package to compile to folder `src/main/resources`.
Add the `src/main/resources/org.springframework.samples.petclinic.web` package to the `src/main/resources` folder.

```
// src/main/resources/org.springframework.samples.petclinic.web  
org.springframework.samples.petclinic.web
```
4. Execute the `src/main/resources/org.springframework.samples.petclinic.web` package.

```
// src/main/resources/org.springframework.samples.petclinic.web  
org.springframework.samples.petclinic.web
```
5. Test if the `src/main/resources/org.springframework.samples.petclinic.web` package is working.

```
// src/main/resources/org.springframework.samples.petclinic.web  
org.springframework.samples.petclinic.web
```



extractors-template

Adding Data Entry

Exercise 1 <https://www.khanacademy.org/a/adding-data-entry>

1. Start the following form:

```
url: "https://www.khanacademy.org/a/adding-data-entry"
title: "Adding Data Entry"
```
2. In the `onFormReady` method, add a `checkbox` element to the form, with the `checked` attribute set to `true`.

```
onFormReady: function() {
  // Add a checkbox to the form
  this.form.addCheckbox("I agree to the terms and conditions", true);
}
```
3. Write a `click` event listener.

```
click: function() {
  // Add a new record to the database
  this.addRecord();
}
```
4. Write a `submit` event listener.

```
submit: function() {
  // Add a new record to the database
  this.addRecord();
}
```
5. Test the form by clicking the `Submit` button.