https://spring.io/projects

https://dzone.com/articles/why-spring-framework-is-popular

<https://himanshugpt.files.wordpress.com/2010/07/spring.png?w=503&h=398>

https://himanshugpt.files.wordpress.com/2010/07/spring.png?w=503&h=398

https://memorynotfound.com/spring-mvc-xml-configuration-example/

<https://stackoverflow.com/questions/18486660/what-are-the-differences-between-model-modelmap-and-modelandview>

<https://www.baeldung.com/spring-requestmapping>

https://www.w3schools.com/xml/ajax\_xmlhttprequest\_create.asp

https://www.w3schools.com/tags/ref\_httpmessages.asp

<https://www.codejava.net/frameworks/spring/spring-mvc-with-jdbctemplate-example>

<https://dzone.com/articles/spring-mvc-example-for-user-registration-and-login-1>

<https://stackoverflow.com/questions/17444410/where-is-the-exact-location-of-spring-config-file-and-web-xml>

<https://docs.spring.io/spring/docs/current/javadoc-api/org/springframework/jdbc/core/JdbcTemplate.html>

https://www.baeldung.com/bootstraping-a-web-application-with-spring-and-java-based-configuration

https://www.baeldung.com/spring-xml-vs-java-config

https://stackoverflow.com/questions/47552835/the-type-webmvcconfigureradapter-is-deprecated

https://stackoverflow.com/questions/27539610/order-of-loading-contextconfiglocation-in-web-xml-of-spring-servlet-project

<https://stackoverflow.com/questions/3652090/difference-between-applicationcontext-xml-and-spring-servlet-xml-in-spring-frame>

package com.kgisl.springbeanscope;

import org.springframework.context.annotation.Scope;

import org.springframework.context.annotation.ScopedProxyMode;

import org.springframework.stereotype.Component;

/\*\*

\* GreetingService

\*/

@Component

// @Scope("singleton")

// @Scope("prototype")

@Scope(value="request", proxyMode =ScopedProxyMode.TARGET\_CLASS)

public class GreetingService {

public String greet(){

return "Hello";

}

}

package com.kgisl.springbeanscope;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.context.annotation.Scope;

import org.springframework.web.bind.annotation.GetMapping;

import org.springframework.web.bind.annotation.RequestMapping;

import org.springframework.web.bind.annotation.RestController;

/\*\*

\* HelloController

\*/

@RestController

@RequestMapping("/")

public class HelloController {

@Autowired

private GreetingService greetingService;

@GetMapping

public String getall() {

String myGreet=greetingService.greet();

System.out.println(greetingService);

return "HelloController "+myGreet;

}

}

package com.kgisl.springbeanscope;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.context.annotation.Scope;

import org.springframework.web.bind.annotation.DeleteMapping;

import org.springframework.web.bind.annotation.GetMapping;

import org.springframework.web.bind.annotation.PutMapping;

import org.springframework.web.bind.annotation.RequestMapping;

import org.springframework.web.bind.annotation.RestController;

/\*\*

\* HelloController

\*/

@RestController

@RequestMapping("/home")

public class HomeController {

@Autowired

private GreetingService greetingService;

@GetMapping

public String getall() {

String myGreet=greetingService.greet();

System.out.println(greetingService);

return "HomeController "+myGreet;

}

@PutMapping

public String put() {

String myGreet=greetingService.greet();

System.out.println(greetingService);

return "HomeController "+myGreet;

}

@DeleteMapping

public String delete() {

String myGreet=greetingService.greet();

System.out.println(greetingService);

return "HomeController "+myGreet;

}

}

<https://www.concretepage.com/spring/spring-bean-scopes>

<https://www.javatpoint.com/spring-tutorial-dependency-injection-by-constructor>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<meta http-equiv="X-UA-Compatible" content="ie=edge">

<title>Document</title>

<script src="country.js"></script>

</head>

<body onload="app.FetchAll()">

<form action="javascript:void(0);" method="POST" onsubmit="app.Add()">

<input type="text" id="countryName" placeholder="New country">

<input type="submit" id="submit" value="Add">

</form>

<!-- <div id="countriesList"></div> -->

<table>

<tr>

<th>Name</th>

</tr>

<tbody id="countriesList">

</tbody>

</table>

</body>

</html>

var app = new function () {

this.countries = ['France', 'Germany', 'England', 'Spain', 'Belgium', 'Italy', 'Portugal', 'Irland', 'Luxembourg'];

// this.countries = [];

this.FetchAll = function () {

alert("this.countries.length =" + this.countries.length);

// this.data += '<table><tr><th>Name</th></tr>';

var data = '';

if (this.countries.length > 0) {

for (i = 0; i < this.countries.length; i++) {

data += '<tr>';

data += '<td>' + this.countries[i] + '</td>';

data += '<td><button onclick="app.Edit(' + i + ')">Edit</button></td>';

data += '<td><button onclick="app.Delete(' + i + ')">Delete</button></td>';

data += '</tr>';

}

// this.data += '<table>';

console.log(data);

document.getElementById("countriesList").innerHTML = data;

}

};

this.Edit = function (item) {

document.getElementById('submit').value = "Update"

alert(this.countries[item]);

document.getElementById('countryName').value = this.countries[item];

this.countries.splice(0, 1, document.getElementById('countryName').value);

app.FetchAll();

};

this.Delete = function (item) {

alert(this.countries[item]);

this.countries.splice(item, 1);

app.FetchAll();

};

this.Add = function () {

document.getElementById('countryName').value;

// alert(document.getElementById('countryName').value);

this.countries.push(document.getElementById('countryName').value);

app.FetchAll();

};

}

// app.FetchAll();

Naveenkumar A [5:00 PM]

====================================country.html==================<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<meta http-equiv="X-UA-Compatible" content="ie=edge">

<title>Document</title>

<script src="country.js"></script>

</head>

<body onload="app.FetchAll()">

<form action="javascript:void(0);" method="POST" onsubmit="app.AddorUpdate()">

<input type="text" id="countryName" placeholder="New country">

<input type="submit" id="submit" value="Add">

</form>

<!-- <div id="countriesList"></div> -->

<table>

<tr>

<th>Name</th>

</tr>

<tbody id="countriesList">

</tbody>

</table>

</body>

</html>

===================================country.js====================

var app = new function () {

this.countries = ['France', 'Germany', 'England', 'Spain', 'Belgium', 'Italy', 'Portugal', 'Irland', 'Luxembourg'];

// this.countries = [];

this.updateItem="";

this.FetchAll = function () {

// alert("this.countries.length =" + this.countries.length);

// this.data += '<table><tr><th>Name</th></tr>';

var data = '';

if (this.countries.length > 0) {

for (i = 0; i < this.countries.length; i++) {

data += '<tr>';

data += '<td>' + this.countries[i] + '</td>';

data += '<td><button onclick="app.Edit(' + i + ')">Edit</button></td>';

data += '<td><button onclick="app.Delete(' + i + ')">Delete</button></td>';

data += '</tr>';

}

// this.data += '<table>';

console.log(data);

document.getElementById("countriesList").innerHTML = data;

}

};

this.Edit = function (item) {

this.updateItem=item;

document.getElementById('submit').value = "Update";

document.getElementById('countryName').value = this.countries[item];

};

this.Delete = function (item) {

alert(this.countries[item]);

this.countries.splice(item, 1);

app.FetchAll();

};

this.Add = function () {

document.getElementById('countryName').value;

// alert(document.getElementById('countryName').value);

this.countries.push(document.getElementById('countryName').value);

app.FetchAll();

};

this.AddorUpdate = function () {

var action = document.getElementById('submit').value;

if (action != "Update") {

document.getElementById('countryName').value;

this.countries.push(document.getElementById('countryName').value);

}

else {

var updateCountry = document.getElementById('countryName').value;

alert(updateCountry);

this.countries.splice(this.updateItem, 1, updateCountry);

this.updateItem="";

document.getElementById('submit').value = "add";

}

app.FetchAll();

};

}

//

app.FetchAll();

http://dummy.restapiexample.com/

https://www.w3schools.com/js/js\_ajax\_http.asp

https://www.w3schools.com/xml/xml\_http.asp

https://gist.github.com/EtienneR/2f3ab345df502bd3d13e

https://chrome.google.com/webstore/detail/postman/fhbjgbiflinjbdggehcddcbncdddomop/related?hl=en

https://developer.mozilla.org/en-US/docs/Web/HTTP/CORS

https://chrome.google.com/webstore/detail/allow-control-allow-origi/nlfbmbojpeacfghkpbjhddihlkkiljbi/related?hl=en

\*://\*/\*

<https://www.google.com/search?q=cors>

=============================emp.html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<meta http-equiv="X-UA-Compatible" content="ie=edge">

<title>Document</title>

<script src="emp.js"></script>

</head>

<body>

<input type="text" name="name" id="name">

<input type="text" name="salary" id="salary">

<input type="text" name="age" id="age">

<input type="submit" value="submit" onclick="app.add()">

</body>

</html>

===================================emp.js

var app = new function () {

this.add = function () {

// {"name":"test","salary":"123","age":"23"}

var data = {};

data.name = document.getElementById("name").value;

data.salary = document.getElementById("salary").value;

data.age = document.getElementById("age").value;

var json = JSON.stringify(data);

alert(json);

console.log(json);

// Post a user

var xhttp = new XMLHttpRequest();

xhttp.open("POST", "http://dummy.restapiexample.com/api/v1/create", true);

xhttp.send(json);

xhttp.onreadystatechange = function () {

if (this.readyState == 4 && this.status == 200) {

// Typical action to be performed when the document is ready:

// document.getElementById("demo").innerHTML = xhttp.responseText;

}

};

};

}

https://start.spring.io/

https://stackoverflow.com/questions/33619532/configuration-using-annotation-springbootapplication

https://stackoverflow.com/questions/35005158/what-is-the-difference-between-componentscan-and-enableautoconfiguration-in-sp

<https://docs.spring.io/spring-boot/docs/current/reference/html/common-application-properties.html>

<https://www.boraji.com/spring-mvc-5-static-resources-handling-example>

7/4/2019--- spring model& ano type

package com.memorynotfound.controller;

import javax.servlet.ServletContext;

import javax.servlet.ServletException;

import javax.servlet.ServletRegistration;

import org.springframework.web.context.ContextLoaderListener;

import org.springframework.web.context.support.AnnotationConfigWebApplicationContext;

import org.springframework.web.servlet.DispatcherServlet;

import org.springframework.web.servlet.support.AbstractAnnotationConfigDispatcherServletInitializer;

public class MvcWebApplicationInitializer extends AbstractAnnotationConfigDispatcherServletInitializer {

public void onStartup(ServletContext servletContext) throws ServletException

{

AnnotationConfigWebApplicationContext context = new AnnotationConfigWebApplicationContext();

context.scan("com.memorynotfound");

servletContext.addListener(new ContextLoaderListener(context));

ServletRegistration.Dynamic dispatcher = servletContext.addServlet("mvc", new DispatcherServlet(context));

dispatcher.setLoadOnStartup(1);

dispatcher.addMapping("/");

}

@Override

protected Class<?>[] getRootConfigClasses() {

return null;

}

@Override

protected Class<?>[] getServletConfigClasses() {

return new Class[] { MvcWebConfig.class };

}

@Override

protected String[] getServletMappings() {

return new String[] { "/" };

}

}

package com.memorynotfound.controller;

import java.util.concurrent.TimeUnit;

import javax.sql.DataSource;

// import com.kgisl.springjson.dao.ContactDAO;

// import com.kgisl.springjson.dao.ContactDAOImpl;

import org.springframework.context.annotation.Bean;

import org.springframework.context.annotation.ComponentScan;

import org.springframework.context.annotation.Configuration;

import org.springframework.http.CacheControl;

import org.springframework.jdbc.datasource.DriverManagerDataSource;

import org.springframework.web.servlet.config.annotation.EnableWebMvc;

import org.springframework.web.servlet.config.annotation.ResourceHandlerRegistry;

import org.springframework.web.servlet.config.annotation.ViewResolverRegistry;

import org.springframework.web.servlet.config.annotation.WebMvcConfigurer;

@Configuration

@EnableWebMvc

@ComponentScan("com.memorynotfound")

public class MvcWebConfig implements WebMvcConfigurer {

// @Override

public void configureViewResolvers(ViewResolverRegistry registry) {

registry.jsp("/WEB-INF/view/", ".jsp");

}

/\*\*

\* Static Resource (CSS or JS) mapping

\*/

// @Override

public void addResourceHandlers(ResourceHandlerRegistry registry) {

// Register resource handler for CSS and JS

registry.addResourceHandler("/resources/\*\*").addResourceLocations("classpath:/statics/", "D:/statics/")

.setCacheControl(CacheControl.maxAge(2, TimeUnit.HOURS).cachePublic());

// Register resource handler for images

registry.addResourceHandler("/images/\*\*").addResourceLocations("/WEB-INF/images/")

.setCacheControl(CacheControl.maxAge(2, TimeUnit.HOURS).cachePublic());

}

@Bean

public DataSource getDataSource() {

DriverManagerDataSource dataSource = new DriverManagerDataSource();

dataSource.setDriverClassName("com.mysql.jdbc.Driver");

dataSource.setUrl("jdbc:mysql://localhost:3306/contactdb");

dataSource.setUsername("root");

dataSource.setPassword("");

return dataSource;

}

// @Bean

// public ContactDAO getContactDAO() {

// return new ContactDAOImpl(getDataSource());

// }

}