

# Spring MVC SHOWCASE SCEENSHOT

localhost:8080/spring-mvc-showcase/?sessionId=ADC49FE35955D6BFC03A4988B2AD6F42#simple

## spring-mvc-showcase

Recommended: Using a Web Developer tool such a Firebug to inspect the client/server interaction

SimpleRequest MappingRequest DataResponse WritingMessage ConvertersView RenderingType ConversionValidationFormsFile UploadException HandlingRedirectingAsync Requests

### Simple

See the `org.springframework.samples.mvc.simple` package for the `@Controller` code

- [GET /simple](#) Hello world!
- [GET /simple/revisited](#) Hello world revisited!

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### Request Mapping

See the `org.springframework.samples.mvc.mapping` package for the `@Controller` code

- [By path](#) Mapped by path!
- [By path pattern](#) Mapped by path pattern ('/spring-mvc-showcase/mapping/path/wildcard')
- [By path and method](#) Mapped by path + method
- [By path, method, and presence of parameter](#) Mapped by path + method + presence of query parameter!
- [By path, method, and not presence of parameter](#)
- [By presence of header](#) Mapped by path + method + presence of header!
- [By absence of header](#) Mapped by path + method + absence of header!
- By consumes
- [By produces via Accept=application/json](#) {"foo":"bar","fruit":"apple"}
- [By produces via Accept=application/xml](#) <?xml version="1.0" encoding="UTF-8" standalone="yes"?><javaBean><foo>bar</foo><fruit>apple</fruit></javaBean>
- [By produces via ".json"](#) {"foo":"bar","fruit":"apple"}
- [By produces via ".xml"](#) <?xml version="1.0" encoding="UTF-8" standalone="yes"?><javaBean><foo>bar</foo><fruit>apple</fruit></javaBean>

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### Request Data

See the `org.springframework.samples.mvc.data` package for the `@Controller` code

- `Query parameter` Obtained 'foo' query parameter value 'bar'
- `Group of query parameters` Obtained parameter group `org.springframework.samples.mvc.data.JavanBean@7e3ba9a9`
- `Path variable` Obtained 'var' path variable value 'foo'
- `Matrix variable` Obtained matrix variable 'foo=bar' from path segment 'matrixvars'
- `Matrix variables (multiple)` Obtained matrix variable foo=bar1 from path segment 'matrixvars' and variable 'foo=bar2' from path segment 'multiple'
- `Header` Obtained 'Accept' header 'text/plain, \*/\*; q=0.01'
- `Request Body` Posted request body 'foo'
- `Request Body and Headers` Posted request body 'foo'; headers = {host=[localhost:8080], connection=[keep-alive], content-length=[3], accept=[text/plain, \*/\*; q=0.01], origin=[http://localhost:8080], x-csrf-token=[18d55aeb-ddba-42b0-88ee-140114ae86d5], x-requested-with=[XMLHttpRequest], user-agent=[Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/62.0.3202.94 Safari/537.36], content-type=[text/plain], referer=[http://localhost:8080/spring-mvc-showcase/;jsessionid=ADC49FE35955D6BFC03A4988B2AD6F42], accept-encoding=[gzip, deflate, br], accept-language=[en-US,en;q=0.9], cookie=[JSESSIONID=ADC49FE35955D6BFC03A4988B2AD6F42]}

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### Response Writing

See the `org.springframework.samples.mvc.response` package for the `@Controller` code

- `@ResponseBody` The String `ResponseBody`
- `@ResponseBody` (UTF-8 charset requested) こんにちは世界! ("Hello world!" in Japanese)
- `@ResponseBody` (UTF-8 charset produced) こんにちは世界! ("Hello world!" in Japanese)
- `ResponseEntity` (custom status) The String `ResponseBody` with custom status code (403 Forbidden)
- `ResponseEntity` (custom headers) The String `ResponseBody` with custom header `Content-Type=text/plain`

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### Http Message Converters

See the `org.springframework.samples.mvc.messageconverters` package for the `@Controller` code

#### StringHttpMessageConverter

- [Read a String](#) `Read string 'foo'`
- [Write a String](#) `Wrote a string`

#### FormHttpMessageConverter

- [Read Form Data](#) `Read x-www-form-urlencoded: JavaBean {foo=[bar], fruit=[apple]}`
- [Write Form Data](#) `foo=bar&fruit=apple`

#### Jaxb2RootElementHttpMessageConverter

- [Read XML](#)
- [Write XML via Accept=application/xml](#)
- [Write XML via ".xml"](#)

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### View Rendering

See the `org.springframework.samples.mvc.views` package for the `@Controller` code

- [HTML generated by JSP template](#)
- [DefaultRequestToViewNameTranslator convention](#)
- [Using path variables in a view template](#)
- [Data binding with URI variables](#)

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### Type Conversion

See the `org.springframework.samples.mvc.convert` package for the `@Controller` code

- [Primitive](#) Converted primitive 3
- [Date](#) Converted date Sun Jul 04 00:00:00 SGT 2010
- [Collection 1 \(multi-value parameter\)](#) Converted collection [1, 2, 3, 4, 5]
- [Collection 2 \(single comma-delimited parameter value\)](#) Converted collection [1, 2, 3, 4, 5]
- [@Formatted Collection](#) Converted formatted collection [Sun Jul 04 00:00:00 SGT 2010, Mon Jul 04 00:00:00 SGT 2011]
- [Custom Value Object](#) Converted value object `org.springframework.samples.mvc.convert.SocialSecurityNumber@59fb7cb4`
- [Custom Converter](#) Converted '123456789' with a custom converter

### JavaBean Property Binding

- [Primitive](#) Converted JavaBean primitive=3
- [Date](#) Converted JavaBean date=Sun Jul 04 00:00:00 SGT 2010
- [Masked](#) Converted JavaBean masked=2053333333
- [List Elements](#) Converted JavaBean list=[1, 2, 3]

localhost:8080/spring-mvc-showcase/?jsessionid=ADC49FE35955D6BFC03A4988B2AD6F42#validation

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### Validation

See the `org.springframework.samples.mvc.validation` package for the `@Controller` code

- [Validate, no errors](#) No errors
- [Validate, errors](#) Object has validation errors

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### Forms

See the `org.springframework.samples.mvc.form` package for the `@Controller` code

#### Form

Personal Info

**Name**

Julia Chen

**Age**

0

**Birth Date (in form yyyy-mm-dd)**

**Phone (in form (###) ###-####)**

5153430878

**Currency (in form \$#.##)**

**Percentage (in form ##%)**

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### File Upload

See the `org.springframework.samples.mvc.fileupload` package for the `@Controller` code

#### Form

 File 'Resume- Julia Chen-Java Developer.docx' uploaded successfully

**File**

Choose File

No file chosen

Upload

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### Exception Handling

See the `org.springframework.samples.mvc.exceptions` package for the `@Controller` code

- [@ExceptionHandler in Controller](#) `IllegalStateException` handled!
- [Global @ExceptionHandler](#) `Handled BusinessException`

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### Redirecting

See the `org.springframework.samples.mvc.redirect` package for the `@Controller` code

- [URI Template String](#)
- [UriComponentsBuilder](#)

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### Async Requests

*Note: Links may take 2-3 seconds to complete.*

See the `org.springframework.samples.mvc.async` package for the `@Controller` code.

- [GET /async/callable/response-body](#) Callable result
- [GET /async/callable/view](#)



foo: "bar"

fruit: "apple"

- [GET /async/callable/exception](#) Handled exception: Callable error
- [GET /async/callable/exception?handled=false](#)

### HTTP Status 500 - Request processing failed; nested exception is java.lang.IllegalArgumentException: Callable error

type

Exception report

Message

Request processing failed; nested exception is java.lang.IllegalArgumentException: Callable error

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