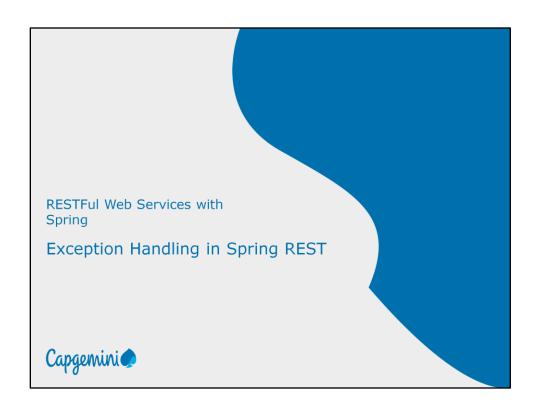
Add instructor notes here.



Lesson Objectives

- Exception handling at controller level
- Exception handling at application level



References:

http://www.baeldung.com/exception-handling-for-rest-with-spring

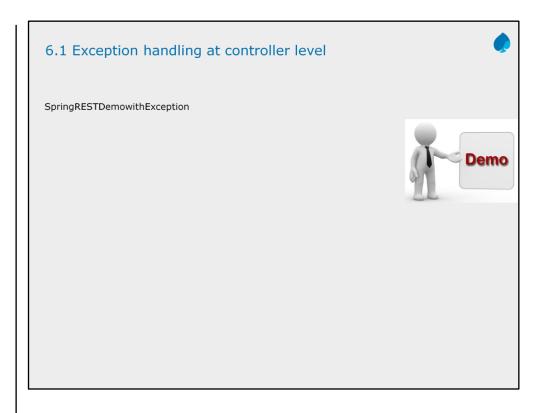
```
@RestController
public class CountryController{

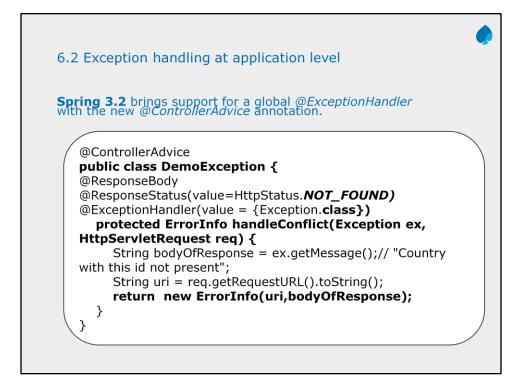
@ResponseStatus(value=HttpStatus.NOT_FOUND,
reason="Country with this id not present")
@ExceptionHandler({Exception.class})
public void handleException() {

}
}
```

@ExceptionHandler along with @ResponseStatus to map the exception to the custom method in controller which can handle all exception in that controller. In @ExceptionHandler annotation we can include the Exception classes which we need to handle for this controller

These demos can be executed for better understanding





The new annotation allows the multiple scattered @ExceptionHandler from before to be consolidated into a single, global error handling component.

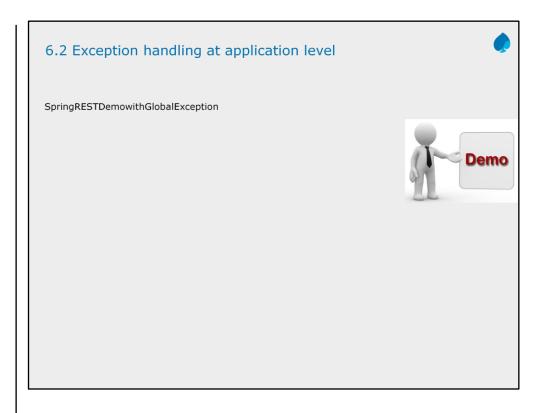
The actual mechanism is extremely simple but also very flexible:

it allows full control over the body of the response as well as the status code it allows mapping of several exceptions to the same method, to be handled together

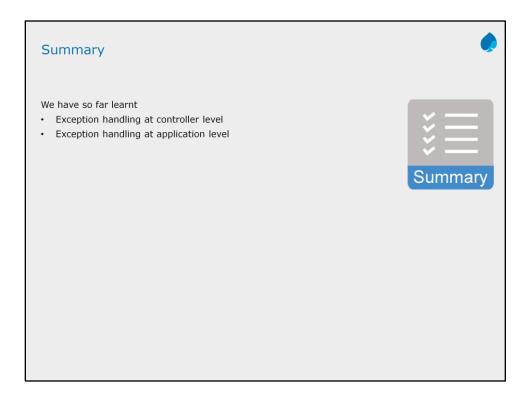
it makes good use of the newer RESTful ResposeEntity response

```
public class ErrorInfo {
private String url;
private String message;
public ErrorInfo(String url, String message) {
this.url = url;
this.message = message;
public String getUrl() {
return url;
public void setUrl(String url) {
this.url = url;
public String getMessage() {
return message;
public void setMessage(String message) {
this.message = message;
}
}
```

These demos can be executed for better understanding

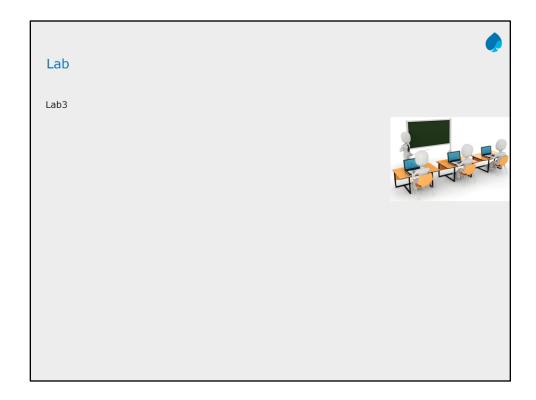


Summary of the lesson.



Add the notes here.

Corresponding lab assignment



Lab will be added after Lab Book creation

Question 1: Option 2

Question 2: True

Review Question

Question 1: Which of the following annotation is used for handler method?

- Option1: @Exception
- Option 2: @ExceptionHandler
- Option 3: @HandlerMapping
- Option 4: @HandlerMethod

Question 2: We can handle Custom Exception in Spring REST.

- Tru
- False



Add the notes here.