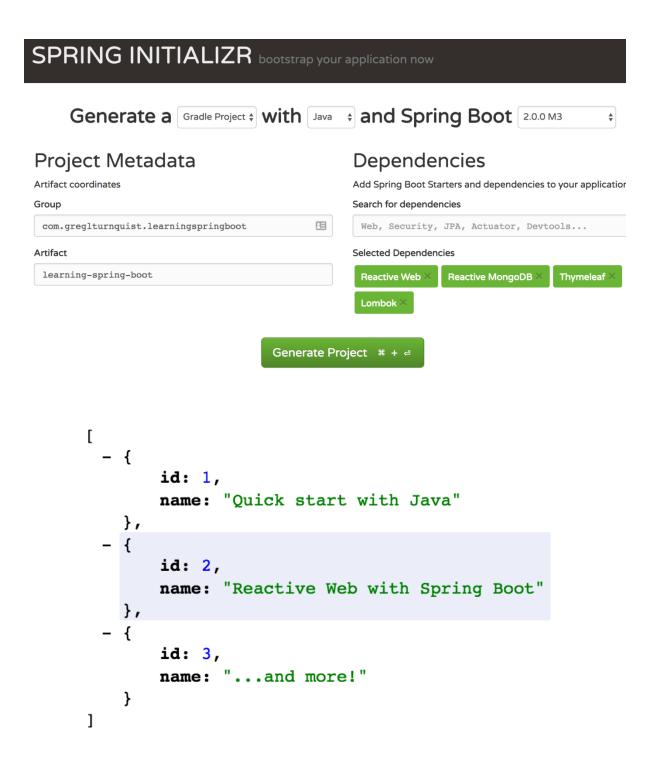
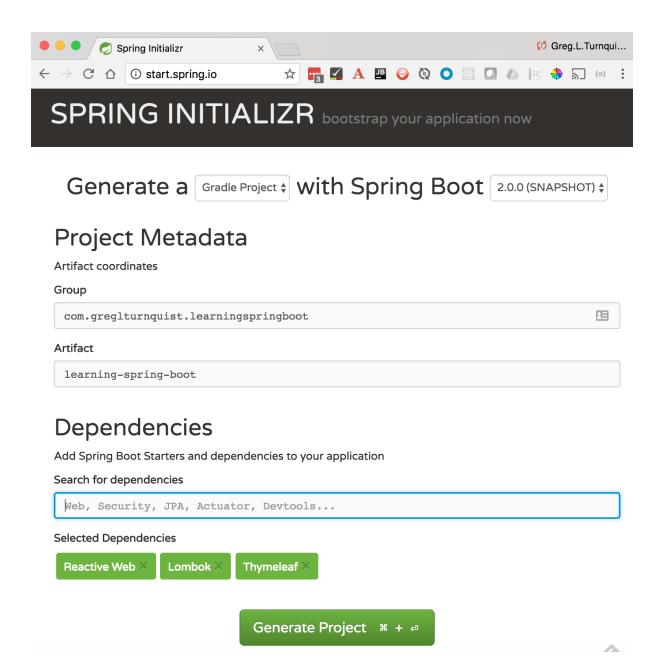
Chapter 1: Quick Start with Java



Chapter 2: Reactive Web with Spring Boot



Chapter 3: Reactive Data Access with Spring Boot

```
org.mongodb.driver.cluster
                                 : Cluster created with settings {hosts=[localhost:27017], mode=SINGLE, requiredCluste
org.mongodb.driver.connection
                                 : Opened connection [connectionId{localValue:1, serverValue:202}] to localhost:27017
                              : Monitor thread successfully connected to server with description ServerDescription : Cluster created with settings {hosts=[localhost:27017], mode=SINGLE, requiredCluste
org.mongodb.driver.cluster.
org.mongodb.driver.cluster
org.mongodb.driver.connection
                                            : Opened connection [connectionId{localValue:2, serverValue:203}] to localhost:27017
                                        : Monitor thread successfully connected to server with description ServerDescription{
: Registering beans for JMX exposure on startup
org.mongodb.driver.cluster
o.s.j.e.a.AnnotationMBeanExporter
r.ipc.netty.tcp.BlockingNettyContext
                                              Started HttpServer on /0:0:0:0:0:0:0:0:0:8080
o.s.b.web.embedded.netty.NettyWebServer : Netty started on port(s): 8080
                                            : Opened connection [connectionId{localValue:3, serverValue:204}] to localhost:27017
org.mongodb.driver.connection
```

```
: Cluster created with settings {hosts=[localhost:27017], mode=SINGLE, requiredClust
org.mongodb.driver.cluster
org.mongodb.driver.connection
                                                  : Opened connection [connectionId{localValue:1, serverValue:205}] to localhost:27017
org.mongodb.driver.cluster
                                                  : Monitor thread successfully connected to server with description ServerDescription
                                                  : Cluster created with settings {hosts=[localhost:27017], mode=SINGLE, requiredClustorate connection [connectionId{localValue:2, serverValue:206}] to localhost:27017 : Monitor thread successfully connected to server with description ServerDescription
org.mongodb.driver.cluster
org.mongodb.driver.connection
org.mongodb.driver.cluster
.m.c.i.MongoPersistentEntityIndexCreator: Analyzing class class com.greglturnquist.learningspringboot.Image for index inform
.m.c.l.MongoPersistentEntityIndexCreator : Analyzing class class com.greglturnquist.learningspringboot.Image for index inform o.s.j.e.a.AnnotationMBeanExporter : Registering beans for JMX exposure on startup
r.ipc.netty.tcp.BlockingNettyContext
                                                    Started HttpServer on /0:0:0:0:0:0:0:0:0:8080
o.s.b.web.embedded.netty.NettyWebServer
                                                    Netty started on port(s): 8080
org.mongodb.driver.connection
                                                  : Opened connection [connectionId{localValue:3, serverValue:207}] to localhost:27017
o.s.data.mongodb.core.MongoTemplate
o.s.data.mongodb.core.MongoTemplate
                                                 : Dropped collection [image]
: Inserting Document containing fields: [_id, name, _class] in collection: image
o.s.data.mongodb.core.MongoTemplate
                                                  : Inserting Document containing fields: [_id, name, _class] in collection: image
o.s.data.mongodb.core.MongoTemplate
                                                  : Inserting Document containing fields: [_id, name, _class] in collection: image
```

```
createImage-files
                                         : | onSubscribe([Synchronous Fuseable] FluxArray.ArraySubscription)
createImage-flatMap
                                           onSubscribe(FluxFlatMap.FlatMapMain)
                                           onSubscribe(MonoIgnoreElements.IgnoreElementsSubscriber)
createImage-done.
createImage-done
                                           request(unbounded)
createImage-flatMap.
                                         : request(unbounded)
createImage-files
                                           1 request (256)
                                           onNext(Mock for FilePart, hashCode: 154449199)
createImage-files
                                           onSubscribe([Fuseable] MonoWhen.WhenCoordinator)
createImage-when
createImage-when.
                                           request(32)
o.s.d.m.core.ReactiveMongoTemplate
                                           Saving Document containing fields: [_id, name, __class]
createImage-save
                                           onSubscribe(FluxOnErrorResume.ResumeSubscriber)
createImage-save
                                           request(unbounded)
createImage-copy
                                             onSubscribe([Fuseable] MonoFlatMap.FlatMapMain)
createImage-copy
                                             request(unbounded)
createImage-picktarget.
                                             onSubscribe([Synchronous Fuseable] Operators ScalarSubscription)
createImage-newfile.
                                             onSubscribe([Fuseable] FluxMapFuseable.MapFuseableSubscriber)
createImage-newfile.
                                             request(unbounded)
createImage-picktarget
                                             request(unbounded)
createImage-picktarget
                                             onNext(upload-dir/alpha.jpg)
createImage-newfile.
                                             onNext(upload-dir/alpha.jpg)
createImage-copy
                                             onComplete()
createImage-picktarget
                                             onComplete()
createImage-newfile...
                                             onComplete()
                                             onNext(Mock for FilePart, hashCode: 430329518)
createImage-files.
createImage-when
                                           .onSubscribe([Fuseable] MonoWhen.WhenCoordinator)
createImage-when
                                           request(32)
o.s.d.m.core.ReactiveMongoTemplate
                                           Saving Document containing fields: [_id, name, __class]
createImage-save.
                                           onSubscribe(FluxOnErrorResume.ResumeSubscriber)
createImage-save
                                           request(unbounded)
createImage-copy
                                             onSubscribe([Fuseable] MonoFlatMap.FlatMapMain)
createImage-copy
                                             request(unbounded)
createImage-picktarget.
                                             onSubscribe([Synchronous Fuseable] Operators.ScalarSubscription)
                                             onSubscribe([Fuseable] FluxMapFuseable.MapFuseableSubscriber)
createImage-newfile.
createImage-newfile.
                                             request (unbounded)
createImage-picktarget
                                             request(unbounded)
                                             onNext(upload-dir/bravo.jpg)
createImage-picktarget
org.mongodb.driver.connection
                                         : Opened connection [connectionId{localValue:4, serverValue:220}] to lo
createImage-newfile.
                                             onNext(upload-dir/bravo.jpg)
createImage-copy.
                                             onComplete()
createImage-picktarget
                                             onComplete()
createImage-newfile
                                             onComplete()
                                             onComplete()
createImage-files
org.mongodb.driver.connection
                                           Opened connection [connectionId{localValue:5, serverValue:221}] to lo
                                           onNext(Image(id=85c62c00-c315-4a6b-914b-059e1020ee6b, name=bravo.jpg)
createImage-save
                                           onNext(Image(id=7f4fb639-8b0d-4791-b88a-366b2cce0b55, name=alpha.jpg)
createImage-save
createImage-when.
                                           onComplete()
createImage-when
                                           onComplete()
createImage-save
                                           onComplete()
createImage-flatMap
                                           onComplete()
createImage-done
                                         : onComplete()
```

Id
Name
Image

1 learning-spring-boot-cover.jpg
Delete

3 bazinga.png
Delete

2 learning-spring-boot-2nd-edition-cover.jpg
Delete

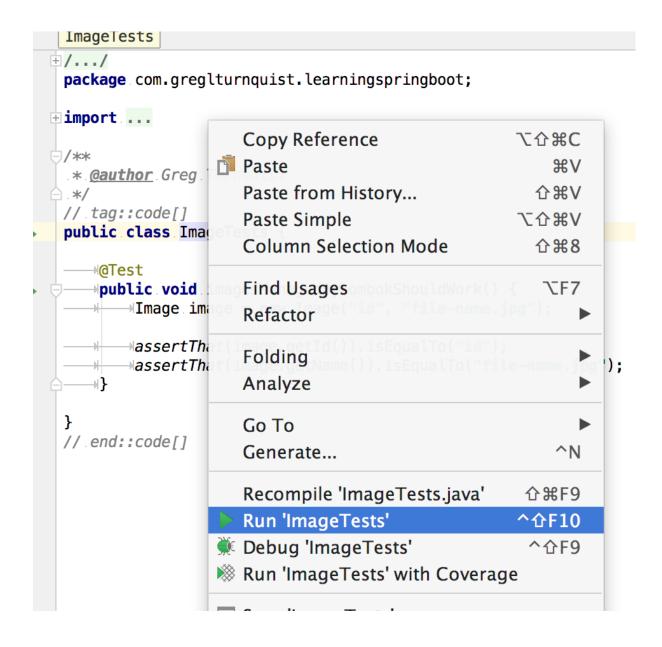
Choose File
No file chosen

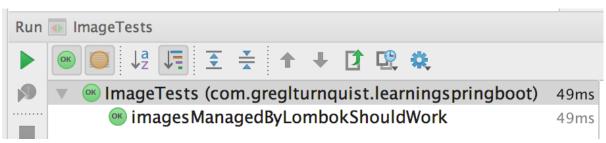
Upload

IdNameImage3 bazinga.pngDelete2 learning-spring-boot-2nd-edition-cover.jpgDelete

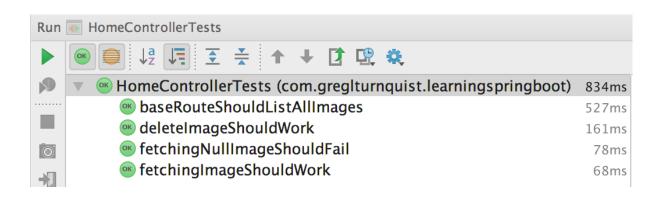
```
:: Created query Query: { "name" : "learning-spring-boot-cover.jpg"}, Fields:
:: findOne using query: { "name" : "learning-spring-boot-cover.jpg"} fields:
o.s.d.m.r.query.MongoQueryCreator.
o.s.d.m.core.ReactiveMongoTemplate
deleteImage-when.
                                                onSubscribe([Fuseable] MonoWhen.WhenCoordinator)
deleteImage-done
                                                 onSubscribe(MonoIgnoreElements.IgnoreElementsSubscriber)
deleteImage-done
                                               : request(unbounded)
                                                 request(unbounded)
deleteImage-when
deleteImage-record
                                                 | onSubscribe([Fuseable] MonoFlatMap.FlatMapMain)
deleteImage-record
                                                   request(unbounded)
                                              : findOne using query: { "name" : "learning-spring-boot-cover.jpg"} fields: : onSubscribe(FluxOnErrorResume.ResumeSubscriber)
o.s.d.m.core.ReactiveMongoTemplate.
deleteImage-find.
deleteImage-find
                                               : request(unbounded)
                                                 onSubscribe([Fuseable] Operators.EmptySubscription)
deleteImage-file
deleteImage-file
                                                request (unbounded)
deleteImage-file
                                                 onComplete()
deleteImage-find
                                                onNext(Image(id=1, name=learning-spring-boot-cover.jpg))
                                                 Remove using query: { "_id" : "1"} in collection: image.
o.s.d.m.core.ReactiveMongoTemplate.
deleteImage-find
                                               : onComplete()
deleteImage-record
                                                 | onComplete()
deleteImage-when
                                               : onComplete()
deleteImage-done
                                               : onComplete()
```

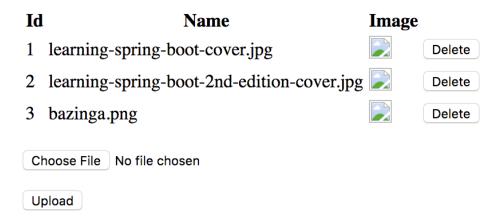
Chapter 4: Testing with Spring Boot

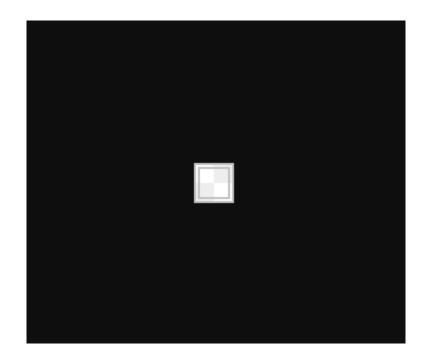




Run	LiveImageRepositoryTests and 1 more	
		Q
19	▼ default-package	401ms
	LivelmageRepositoryTests	259ms
	findAllShouldWork	225ms
	findByNameShouldWork	34ms
-107	EmbeddedImageRepositoryTests	142ms
-12	findAllShouldWork	130ms
	findByNameShouldWork	12ms







Run	All in 4_part1_test	
NO.	▼	2s 428ms
	EndToEndTests	1s 657ms
	homePageShouldWork	1s 657ms
0	EmbeddedImageRepositoryTests	433ms
->3	findAllShouldWork	400ms
	findByNameShouldWork	33ms
	HomeControllerTests	251ms
	fetchingNullImageShouldFail	84ms
No.	deletelmageShouldWork	79ms
×	fetchingImageShouldWork	45ms
	baseRouteShouldListAllImages	43ms
?	LivelmageRepositoryTests	51ms
	findAllShouldWork	40ms
	findByNameShouldWork	11ms
	ImageServiceTests	35ms
	createImageShouldWork	13ms
	deleteImageShouldWork	8ms
	findOneShouldReturnNotYetFetched	dUrl 8ms
	findAllShouldJustReturnTheFlux	6ms
	ImageTests	1ms
	imagesManagedByLombokShouldWe	ork 1ms





- ▼ 📴 main
 - ▼ 🗖 java 85% classes, 88% lines covered
 - ▼ com.greglturnquist.learningspringboot 85% classes, 88% lines covered
 - © a ApiController 25% methods, 25% lines covered
 - © & HomeController 83% methods, 90% lines covered
 - © a Image 100% methods, 100% lines covered
 - ImageRepository
 - © a ImageService 100% methods, 92% lines covered
 - C & InitDatabase 100% methods, 100% lines covered
 - 🕝 🚡 LearningSpringBootApplication 0% methods, 33% lines covered
 - © a ReactiveThymeleafConfig 100% methods, 100% lines covered

Run WebDriverAutoConfigurationTests

WebDriverAutoConfigurationTests (com.greglturnqui 5s 274ms

WebDriverAutoConfigurationTests (com.greglturnqui 5s 274ms

Use testWithMockedFirefox

Use testWithMockedChrome

Use fallbackToNonGuiModeWhenAllBrowsersDisabled

1s 18ms

Use testWithMockedSafari

258ms

Chapter 5: Developer Tools for Spring Boot Apps

\leftarrow	\rightarrow	G	\triangle	i localhost:8080

Learning Spring Boot - 2nd Edition

Id	Name	Image	
57f16c0883a5d2446f27602e	test		Delete
57f16c0883a5d2446f27602f	test2		Delete
57f16c0883a5d2446f276030	test3		Delete

Choose File No file chosen

Upload

```
<body>

<h1>Learning Spring Boot - 2nd Edition</h1>

<h3>Using the LiveReload plugin in your browser will speed up efforts.
```

Learning Spring Boot - 2nd Edition

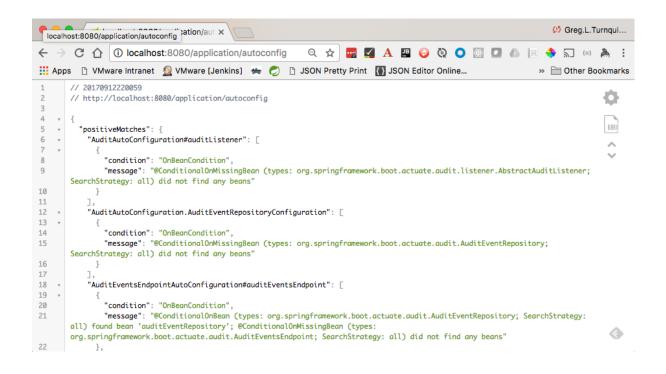
Using the LiveReload plugin in your browser will speed up efforts.

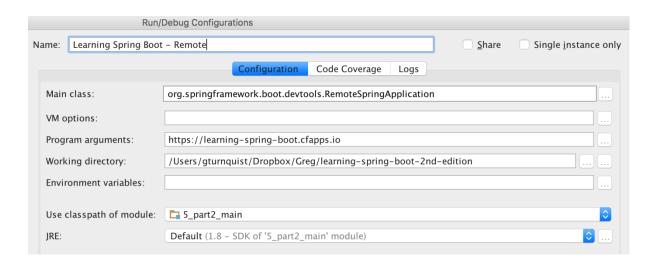
Using the LiveReload plugin in your browser will speed up efforts.

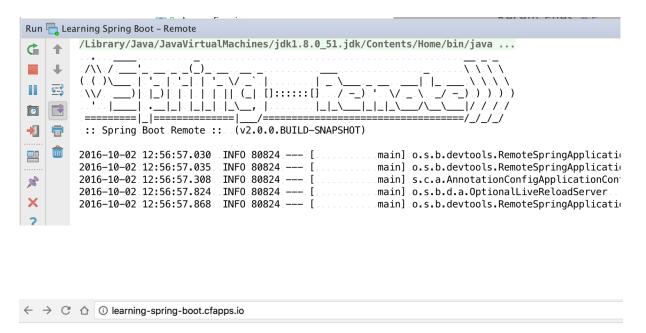
DevTools can also detect code changes too

	Run/	Debug Configurations
me: Lear	ningSpringBoot <i>A</i>	Application Share
		Configuration Code Coverage Logs
Main class	:	com. greg lturn quist. learning spring boot. Learning Spring Boot Application
VM options	5:	
Program ar	guments:	debug
Working di	rectory:	
	Positive mat	4:57:52.106.DEBUG.50763 [restartedMain].o.s.b.a.e.jmx.Endpo. 4:57:52.128.DEBUG.50763 [restartedMain].utoConfigurationReport E===================================

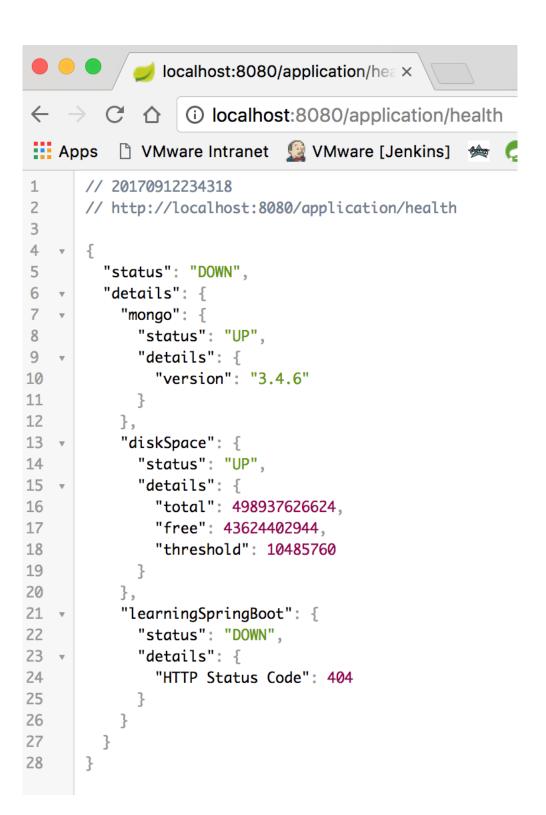
```
localhost:8080/application
                  ① localhost:8080/application ♀ ☆ 🔄 🛂 🛕 🖺
Apps 🗋 VMware Intranet 🧕 VMware [Jenkins] 🦛 🏉 🗋 JSON Pretty I
1
      // 20170912231024
2
      // http://localhost:8080/application
3
4
      {
5
        "_links": {
6
          "self": {
7
            "href": "http://localhost:8080/application",
            "templated": false
8
9
          },
          "auditevents": {
10 -
            "href": "http://localhost:8080/application/auditevents",
11
12
            "templated": false
13
          },
          "beans": {
14 ▼
15
            "href": "http://localhost:8080/application/beans",
16
            "templated": false
17
          },
18 🔻
          "autoconfig": {
            "href": "http://localhost:8080/application/autoconfig",
19
            "templated": false
20
21
22 🔻
          "configprops": {
23
            "href": "http://localhost:8080/application/configprops",
24
            "templated": false
25
          },
          "env": {
26 •
27
            "href": "http://localhost:8080/application/env",
28
            "templated": false
29
          },
          "env-toMatch": {
30 ▼
            "href": "http://localhost:8080/application/env/{toMatch}",
31
            "templated": true
32
33
          },
34 ▼
          "health": {
            "href": "http://localhost:8080/application/health",
35
36
            "templated": false
37
          },
          "status": {
38 ▼
39
            "href": "http://localhost:8080/application/status",
            "templated": false
40
```







It's really handy to make local edits and watch them go out to the cloud automatically.



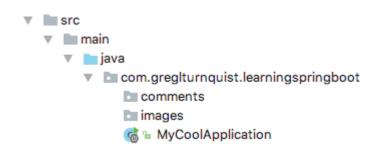
Id	Name	Image	
57f07b6c8dd1b00a1c3cee4a	B05771_MockupCover_Normal.jpg	Learning Spring Boot security and security secur	Delete
57f07b788dd1b00a1c3cee4b	spring-boot-project-logo.png	(U)	Delete
57f07ba48dd1b00a1c3cee4d	bazinga.png	REALIGIA.	Delete

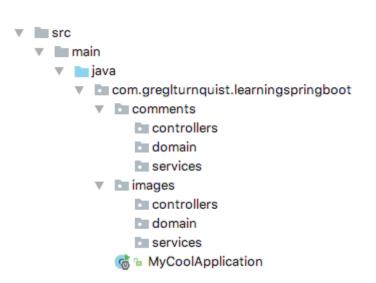
Choose File No file chosen

Upload

Chapter 6: AMQP Messaging with Spring Boot







```
■ src

■ main

■ java
■ com.greglturnquist.learningspringboot
■ comments
■ images
■ lmage
■ lmage
■ lmageRepository
■ lmageService
■ lmageService
■ LearningSpringBootHealthIndicator
■ HomeController
■ LearningSpringBootApplication
```

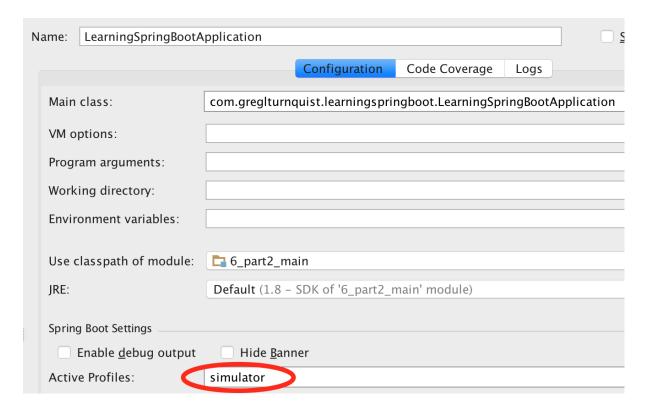
1 of 1

20 item(s) per page

Id	Name	Image			
57f8641e83a5d272b18d4ce1	B05771_MockupCover_Normal.jpg	Larring Spring Steel	Delete	I love the cover! Can I order a copy yet?	Submit
57f8643b83a5d272b18d4ce3	bazinga.png	: AENGA	Delete		Submit
57f8645883a5d272b18d4ce5	spring-boot-project-logo.png	(U)	Delete		Spring Boot is awesome! Submit

Choose File No file chosen

Upload



```
integration.channel.output.errorRate.mean: 0,
integration.channel.output.errorRate.max: 0,
integration.channel.output.errorRate.min: 0,
integration.channel.output.errorRate.stdev: 0,
integration.channel.output.errorRate.count: 0,
integration.channel.output.sendCount: 1080,
integration.channel.output.sendRate.mean: 33.2953175275134,
integration.channel.output.sendRate.max: 0.10356745398044587,
integration.channel.output.sendRate.min: 0.00007268595695495606,
integration.channel.output.sendRate.stdev: 127.44592804513556,
integration.channel.output.sendRate.count: 1080,
integration.channel.output.receiveCount: -1,
integration.channel.input.errorRate.mean: 0,
integration.channel.input.errorRate.max: 0,
integration.channel.input.errorRate.min: 0,
integration.channel.input.errorRate.stdev: 0,
integration.channel.input.errorRate.count: 0,
integration.channel.input.sendCount: 1080,
integration.channel.input.sendRate.mean: 30.60592083415993,
integration.channel.input.sendRate.max: 0.10221006900072098,
integration.channel.input.sendRate.min: 0.000672169029712677,
integration.channel.input.sendRate.stdev: 20.733646866079425,
integration.channel.input.sendRate.count: 1080,
integration.channel.input.receiveCount: -1,
```

```
{
   status: "UP",
 - learningSpringBoot: {
       status: "UP"
   },
 - diskSpace: {
       status: "UP",
       total: 498937626624,
       free: 89344151552,
       threshold: 10485760
   },
 - rabbit: {
       status: "UP",
       version: "3.6.4"
   },
 - mongo: {
       status: "UP",
       version: "3.2.6"
   },
 - binders: {
       status: "UP",
     - rabbit: {
           status: "UP",
         - binderHealthIndicator: {
               status: "UP",
               version: "3.6.4"
           }
       }
   }
}
```

```
o.s.a.r.c.CachingConnectionFactory
                                                        : Created new connection: rabbitConnectionFactory#1470a7b3:0/SimpleConnection@31792aa : Channel 'unknown.channel.name' has 1 subscriber(s).
o.s.integration.channel.DirectChannel
o.s.c.s.binding.BindableProxyFactory
o.s.c.s.binding.BindableProxyFactory
                                                           Binding outputs for :interface org.springframework.cloud.stream.messaging.Processor
                                                           Binding :interface org.springframework.cloud.stream.messaging.Processor:output Channel 'application.output' has 1 subscriber(s).
o.s.integration.channel.DirectChannel
o.s.c.support.DefaultLifecycleProcessor
                                                           Starting beans in phase 0
                                                           Adding {logging-channel-adapter:_org.springframework.integration.errorLogger} as a Channel 'application.errorChannel' has 1 subscriber(s).
o.s.i.endpoint.EventDrivenConsumer
o.s.i.channel.PublishSubscribeChannel
o.s.i.endpoint.EventDrivenConsumer
                                                           started _org.springframework.integration.errorLogger
Starting beans in phase 2147482647
o.s.c.support.DefaultLifecycleProcessor
o.s.c.s.binding.BindableProxyFactory
o.s.c.s.binding.BindableProxyFactory
o.s.c.s.binding.BindableProxyFactory
                                                           Binding inputs for :interface org.springframework.cloud.stream.messaging.Source
                                                           Binding inputs for :interface org.springframework.cloud.stream.messaging.Processor Binding :interface org.springframework.cloud.stream.messaging.Processor:input declaring queue for inbound: learning-spring-boot-comments.learning-spring-boot, bd
c.s.b.r.p.RabbitExchangeQueueProvisioner
c.s.b.r.p.RabbitExchangeQueueProvisioner :
o.s.i.a.i.AmqpInboundChannelAdapter :
                                                           autoBindDLQ=false for: learning-spring-boot-comments.learning-spring-boot
                                                           started inbound.learning-spring-boot
o.s.i.endpoint.EventDrivenConsumer
                                                           Adding {message-handler:inbound.learning-spring-boot-comments.learning-spring-boot}
o.s.i.endpoint.EventDrivenConsumer
                                                         : started inbound.learning-spring-boot-comments.learning-spring-boot
```

```
: preSend on channel 'output', message: GenericMessage [payload=Comment(id=null, ima
: org.springframework.cloud.stream.binder.AbstractMessageChannelBinder$SendingHandle
o.s.integration.channel.DirectChannel
tractMessageChannelBinder$SendingHandler:
o.s.i.codec.kryo.CompositeKryoRegistrar
                                                                                          registering [40, java.io.File] with serializer org.springframework.integration.cod
o.s.i.a.outbound.AmqpOutboundEndpoint
                                                                                          org.springframework.integration.amqp.outbound.AmqpOutboundEndpoint@52038bac receive
s.i.m.AbstractHeaderMapper$HeaderMatcher
                                                                                          headerName=[contentType] WILL be mapped, matched pattern=*
o.s.i.a.outbound.AmqpOutboundEndpoint
                                                                                          handler 'org.springframework.integration.amqp.outbound.AmqpOutboundEndpoint@52038ba
o.s.integration.channel.DirectChannel
                                                                                          postSend (sent=true) on channel 'output', message: GenericMessage [payload=Comment
s.i.m.AbstractHeaderMapper$HeaderMatcher
                                                                                          headerName=[amqp_receivedDeliveryMode] WILL be mapped, matched pattern=*
s.i.m.AbstractHeaderMapper$HeaderMatcher:
                                                                                         headerName=[amqp_receivedRoutingKey] WILL be mapped, matched pattern=* headerName=[amqp_receivedExchange] WILL be mapped, matched pattern=* headerName=[amqp_deliveryTag] WILL be mapped, matched pattern=*
s.i.m.AbstractHeaderMapper$HeaderMatcher :
s.i.m.AbstractHeaderMapper$HeaderMatcher
                                                                                          headerName=[amqp_correlationId] WILL be mapped, matched pattern=*
s.i.m.AbstractHeaderMapper$HeaderMatcher :
s.i.m.AbstractHeaderMapper$HeaderMatcher :
                                                                                         headerName=[amqp_redelivered] WILL be mapped, matched pattern=* headerName=[contentType] WILL be mapped, matched pattern=* headerName=[contentType] WILL be mapped, matched pattern=*
s.i.m.AbstractHeaderMapper$HeaderMatcher :
s.i.m.AbstractHeaderMapper$HeaderMatcher :
actMessageChannelBinder$ReceivingHandler:
                                                                                          org. spring framework. cloud. stream. binder. Abstract Message Channel Binder \$ Receiving Handle Grand Frank Fra
findAll
                                                                                              onSubscribe([Fuseable] FluxOnAssembly.OnAssemblySubscriber)
findAll
                                                                                             request (256)
o.s.integration.channel.DirectChannel
                                                                                          preSend on channel 'input', message: GenericMessage [payload=Comment(id=null, image
                                                                                             onNext(Image(id=59894898c4d956e34025dacc, name=learning-spring-boot-cover.jpg))
findAll
findAll
                                                                                              request(1)
findAll
                                                                                              onNext(Image(id=59894898c4d956e34025dacd, name=learning-spring-boot-2nd-edition-
findAll
                                                                                              request(1)
findAll
                                                                                              onNext(Image(id=59894899c4d956e34025dace, name=bazinga.png))
findAll
                                                                                             onComplete()
o.s.integration.channel.DirectChannel
                                                                                      : postSend (sent=true) on channel 'input', message: GenericMessage [payload=Comment(...
```

Chapter 7: Microservices with Spring Boot



Project Metadata

Artifact coordinates





Dependencies

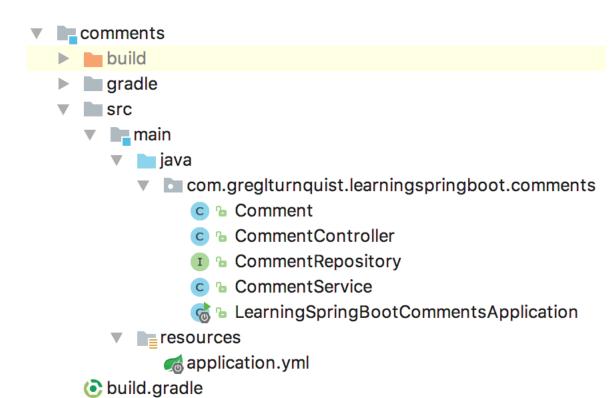
Add Spring Boot Starters and dependencies to your application

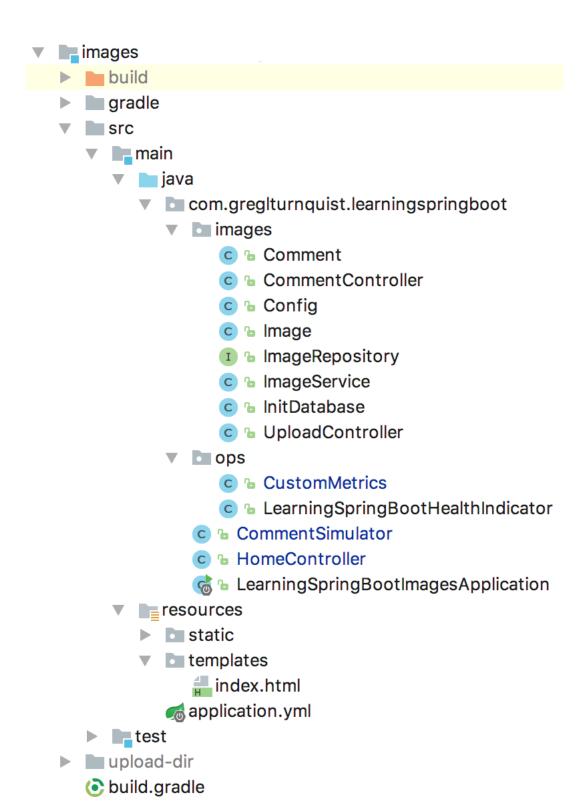
Search for dependencies

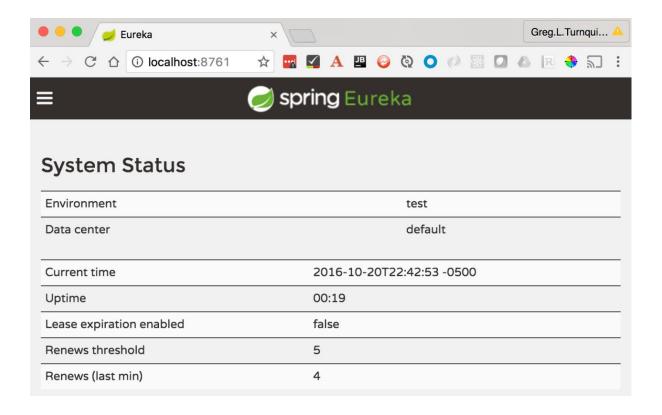


Web, Security, JPA, Actuator, Devtools...

Generate Project # + ←







DS Replicas

Instances currently registered with Eureka

Application	AMIs	Availability Zones	Status
COMMENTS	n/a (1)	(1)	UP (1) - retina:comments:9000
IMAGES	n/a (1)	(1)	UP (1) - retina:images



Id	Name	Image			
5809914283a5d2ac3e0ea0f6	platform-spring-boot.png	(U)	Delete		Submit
5809916283a5d2ac3e0ea0f7	B05771_MockupCover_Normal.jpg	Lasting Spring Boot	Delete	Cool cover! Can't wait to get my copy	Submit

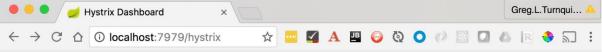
Choose File No file chosen

Upload

DS Replicas

Instances currently registered with Eureka

Application	AMIs	Availability Zones	Status
COMMENTS	n/a (2)	(2)	UP (2) - retina:comments:9001 , retina:comments:9000
IMAGES	n/a (1)	(1)	UP (1) - retina:images





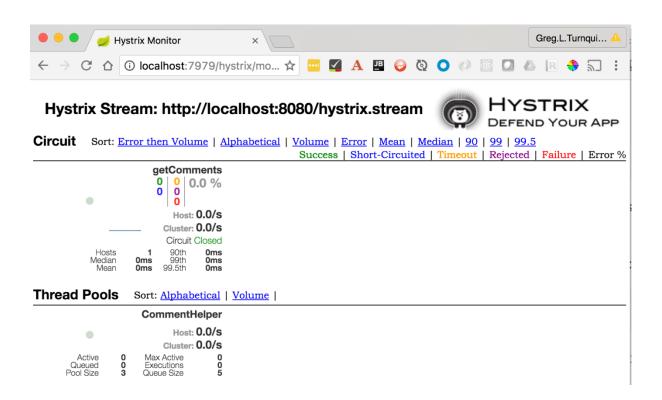
Hystrix Dashboard

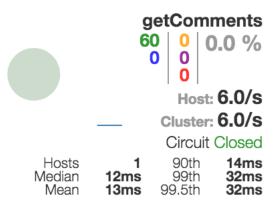
http://localhost:8080/hystrix.stream

Cluster via Turbine (default cluster): http://turbine-hostname:port/turbine.stream
Cluster via Turbine (custom cluster): http://turbine-hostname:port/turbine.stream?cluster=[clusterName]
Single Hystrix App: http://hystrix-app:port/hystrix.stream

Delay: 2000 ms Title: Images

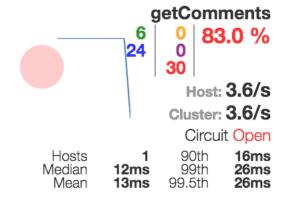
Monitor Stream

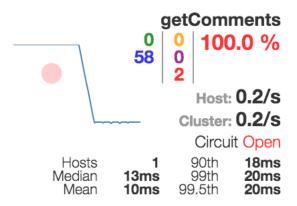


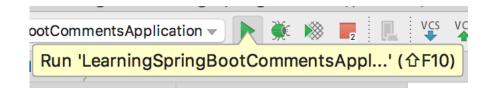


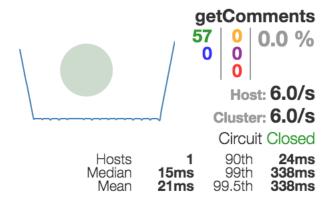
Stop process

- LearningSpringBootEurekaServerApplication
- LearningSpringBootImagesApplication
- LearningSpringBootCommentsApplication

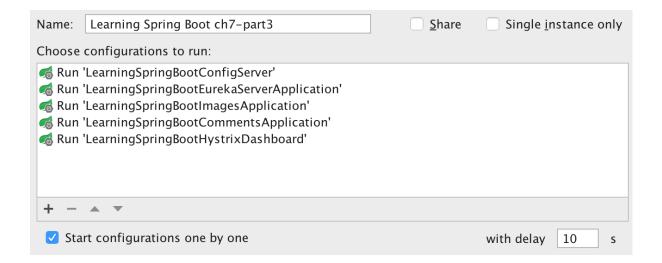


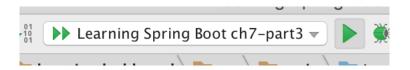






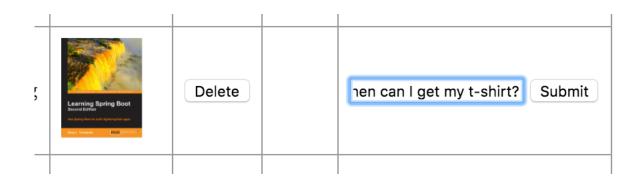
```
← → C ♠ ① localhost:8888/eureka/default
🟥 Apps 🗋 VMware Intranet 🧕 VMware [Jenkins] 🗯 🥏 🗋 JSON Pretty Print 🚯 JSON Editor Online... 🛟 Progran
1
      // 20170813194344
2
      // http://localhost:8888/eureka/default
3
4
        "name": "eureka",
5
6
        "profiles": [
          "default"
8
        "label": null,
9
10
        "version": "a69475c00e47bc91949e76c79d2df39720967a21",
        "state": null,
11
12 🔻
        "propertySources": [
13 🔻
14
            "name": "https://github.com/gregturn/learning-spring-boot-config-repo/eureka.yml",
15 🔻
            "source": {
16
              "server.port": 8761,
              "eureka.instance.hostname": "localhost",
17
18
              "eureka.client.registerWithEureka": false,
              "eureka.client.fetchRegistry": false,
19
              "eureka.client.serviceUrl.defaultZone": "http://${eureka.instance.hostname}:${server.port}/eureka/"
20
21
22
23
        ]
24
```





```
ior:: Fetching.config.from.server.at: http://localhost:8888
ior:: Located.environment: name=comments, profiles=[default], label=master, velon:: Located.property.source: CompositePropertySource: [name='configService', lon:: No.active.profile.set, falling.back.to.default.profiles:.default
```

Chapter 8: WebSockets with Spring Boot



Name	Image		
B05771_MockupCover_Normaljpg	Learning Spring Boot	Delete	Nice cover! Submit
bazinga.png	MENICAL	Delete	Submit

Name	Image			
B05771_MockupCover_Normaljpg	Learning Spring Boot	Delete	Nice cover!	Submit
bazinga.png	MANIGA.	Delete		Submit

Choose File | No file chosen

Upload

Greetings!

2f05fa8e: Do you like the new cover?

298b3bcf: You bet! Wish I could get it in a t-shirt 2f05fa8e: Me too. Did you get e-book, or print?

298b3bcf: Both

298b3bcf: I always get both

Send

```
Publishing "Do you like the new cover?"
Received 2f05fa8e: Do you like the new cover?
Received 298b3bcf: You bet! Wish I could get it in a t-shirt
Publishing "Me too. Did you get e-book, or print?"
Received 2f05fa8e: Me too. Did you get e-book, or print?
Received 298b3bcf: Both
Received 298b3bcf: I always get both
```

>

```
Received 2f05fa8e: Do you like the new cover?
Publishing "You bet! Wish I could get it in a t-shirt"
Received 298b3bcf: You bet! Wish I could get it in a t-shirt
Received 2f05fa8e: Me too. Did you get e-book, or print?
Publishing "Both"
Received 298b3bcf: Both
Publishing "I always get both"
Received 298b3bcf: I always get both
```

greg Conne	ect	
Greetings!		
(greg)(all): Do you like the cover?	?	
Send		
Greetings!		
(greg)(all): Do you like the cover? (oliver)(all): I sure do		
(Const.)(Const.)		
Sand		

Greetings!	
(greg)(all): Do you like the cover?	
(oliver)(all): I sure do	
Ogras Ara you going to offer it in a t shirt?	
@greg Are you going to offer it in a t-shirt?	
Send	
Greetings!	
(greg)(all): Do you like the cover?	
(oliver)(all): I sure do	
(phil): @greg Are you going to offer it in a t-shirt?	
Send	
Send	
Greetings!	
Greetings! (greg)(all): Do you like the cover?	
Greetings!	
Greetings! (greg)(all): Do you like the cover?	
Greetings! (greg)(all): Do you like the cover?	
Greetings! (greg)(all): Do you like the cover?	
Greetings! (greg)(all): Do you like the cover?	
Greetings! (greg)(all): Do you like the cover?	
Greetings! (greg)(all): Do you like the cover? (oliver)(all): I sure do	
Greetings! (greg)(all): Do you like the cover?	

```
Publishing "Do you like the new cover?"

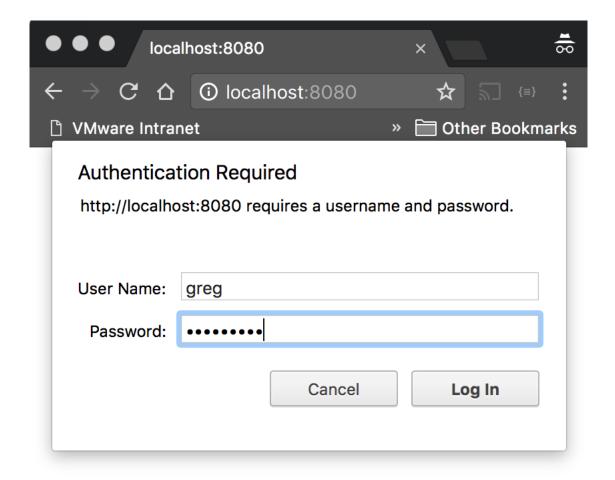
Received (greg)(all): Do you like the new cover?

Received (oliver)(all): I sure do.

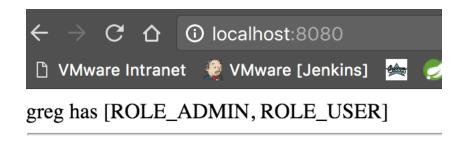
Received (phil): @greg Are you going to offer it in a t-shirt?

>
```

Chapter 9: Securing Your App with Spring Boot



Name	Image		Owner	C
bazinga.png	3/1/1/6/	Delete	greg	
B05771_MockupCover_Normal.png	Learning Spring Boot Second Edition See large law to the Unique See Age See See See See See See See See See S	Delete	phil	



Learning Spring Boot

	Image		Owner	(
	3/1 <u>3/1/6/1</u>	Delete	greg	
ng	Learning Spring Boot second Edition in Journal of the Spring Boot second Edition in Journal of the Spring Book approximately t	Delete	phil	

	Image		Owner	(
	MANGA.		greg	
,	Learning Spring Boot second Edition on Surry Boot is seen in place appeared agent to the Control of the Control	Delete	phil	

× Headers Preview Response Cookies Timing

▼ General

Request URL: http://localhost:8080/images/bazinga.png/raw

Request Method: GET Status Code: 200

Remote Address: [::1]:8080

▼ Response Headers view source

Content-Type: image/jpeg

Date: Thu, 24 Nov 2016 06:18:44 GMT

Transfer-Encoding: chunked

X-Application-Context: chat:8080

▼ Request Headers view source

Accept: image/webp,image/*,*/*;q=0.8
Accept-Encoding: gzip, deflate, sdch, br

Accept-Language: en-US, en; q=0.8

Authorization: Basic Z3JlZzp0dXJucXVpc3Q=

Cache-Control: no-cache Connection: keep-alive

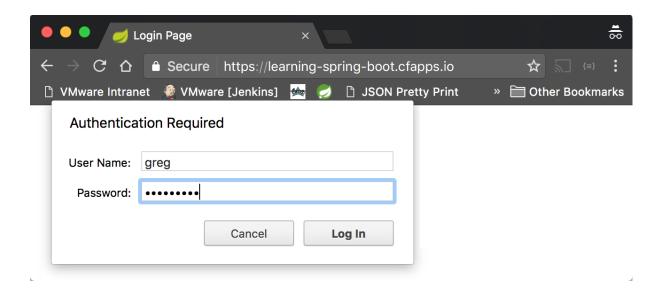
Cookie: SESSION=8ab12c94-dd78-438e-a483-b75e8f37629f

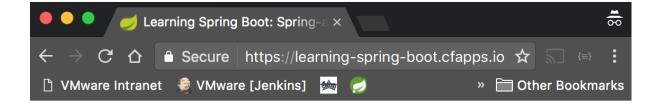
Host: localhost:8080 Pragma: no-cache

Referer: http://localhost:8080/

User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10_11_5) Ap

Chapter 10: Taking Your App to Production with Spring Boot





Id	Name	Image		
8d22f555- f830-4d38- aff0- 4d11562013eb	B05771_MockupCover_Normal.png	Learning Spring Boot Second dates	Delete	
37f6c64e- 7be3-4bbb- 9e6d- 82271822d4b4	bazinga.png	ALANGA.	Delete	
d1459c17- e0f6-4a2a- 82f9- b7243e47bab4	platform-spring-boot.png		Delete	

Choose File No file chosen

Upload

