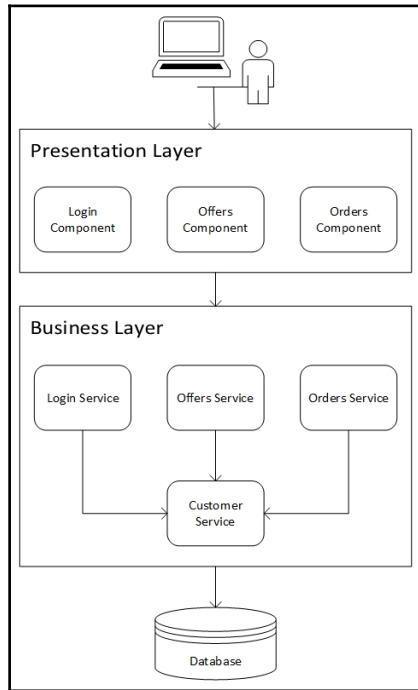
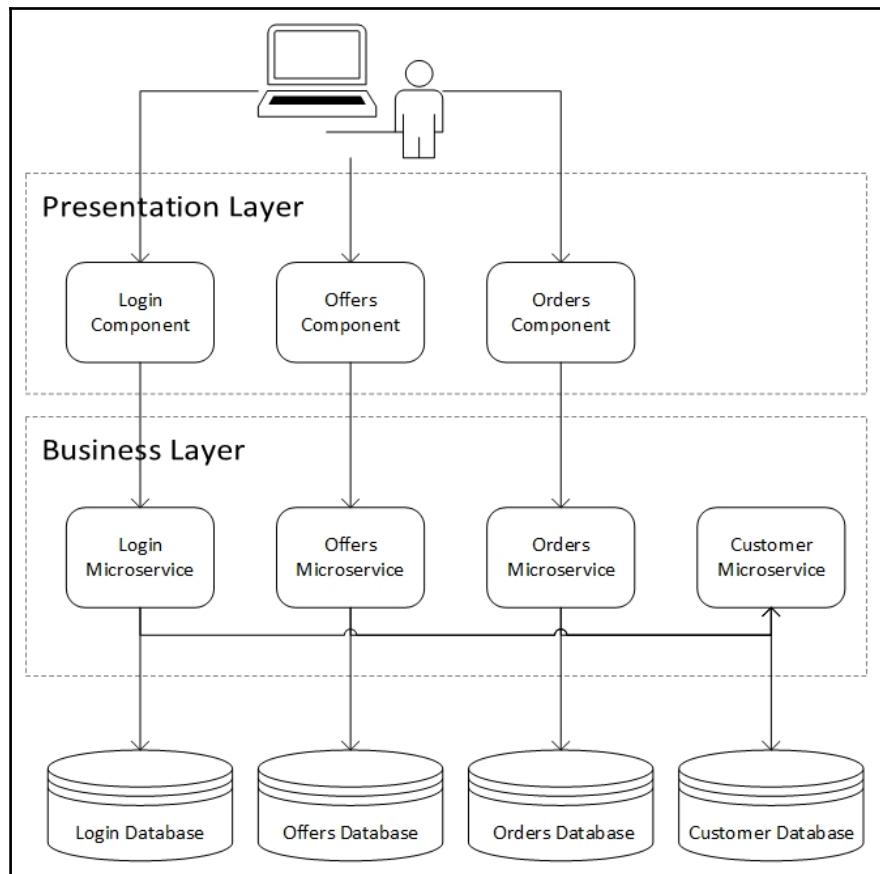
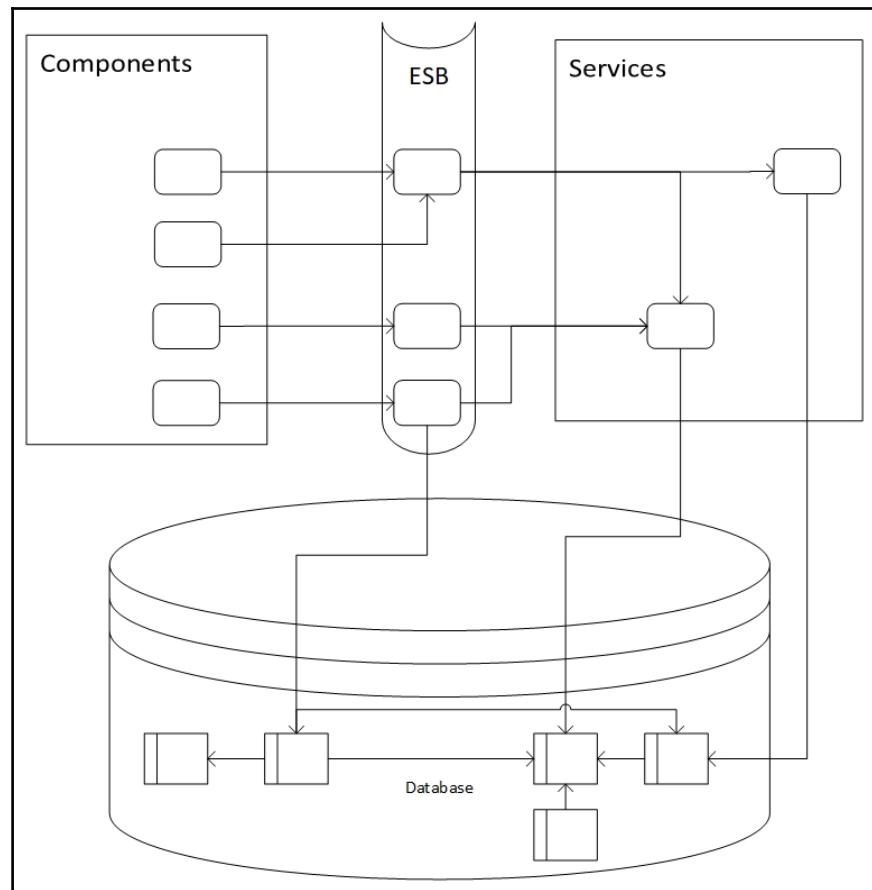
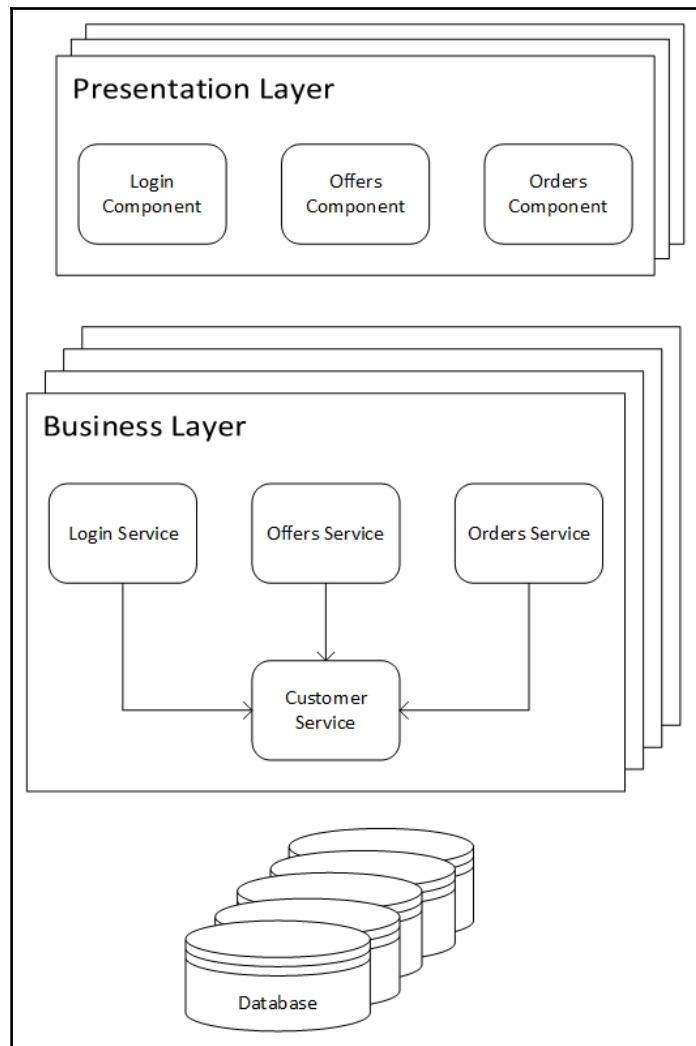


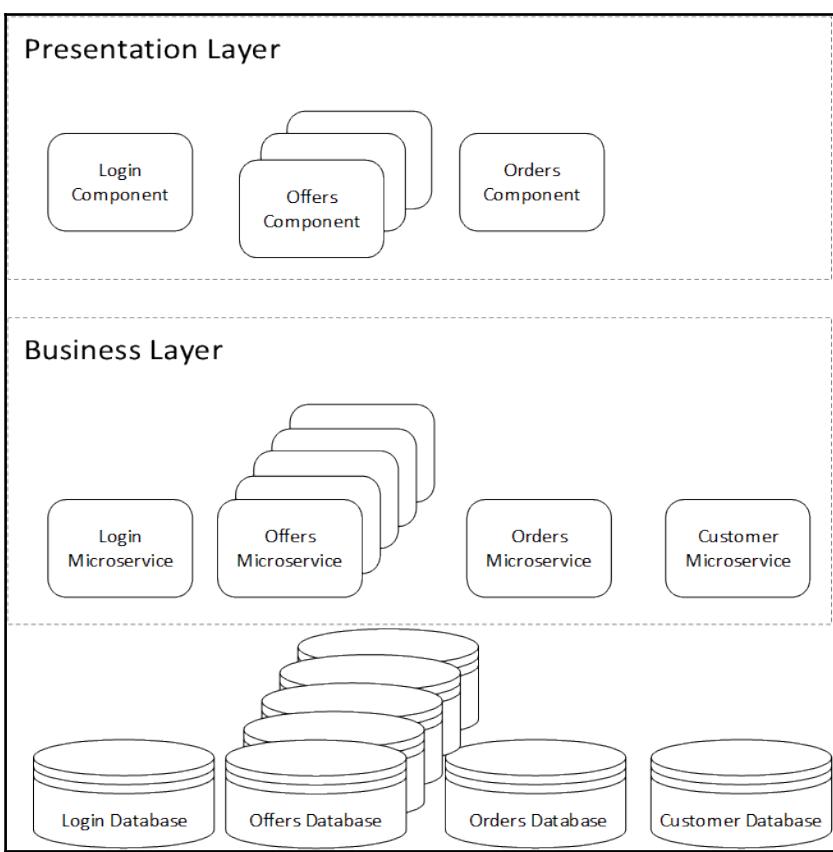
Chapter 1: Understanding Microservices

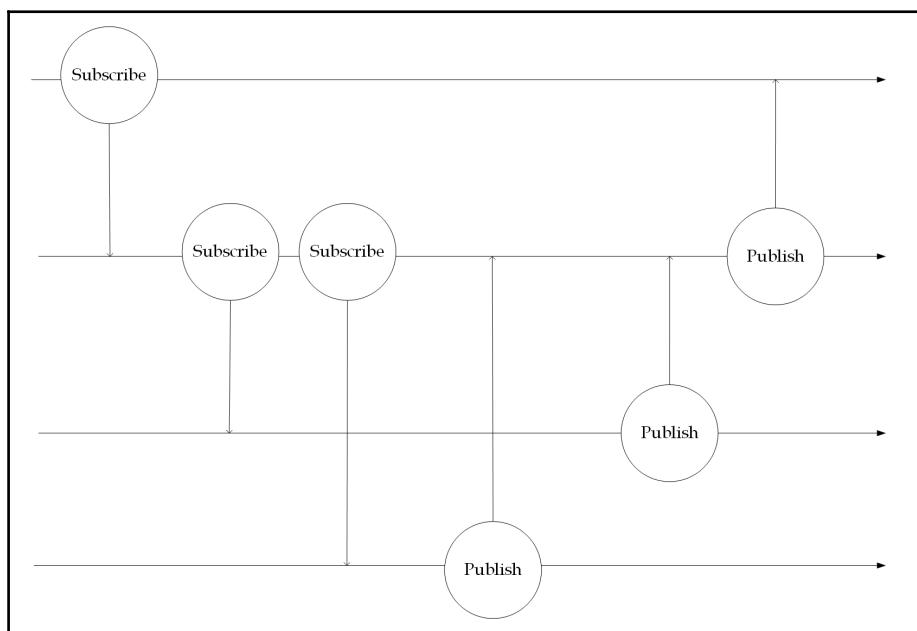
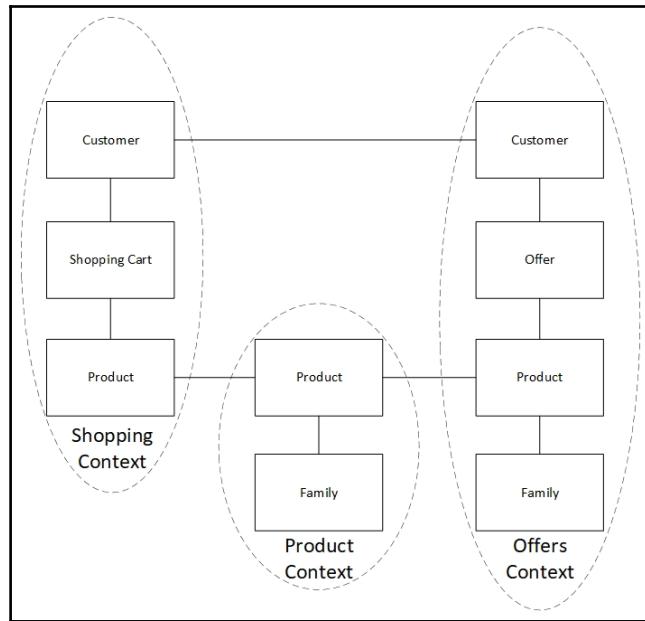






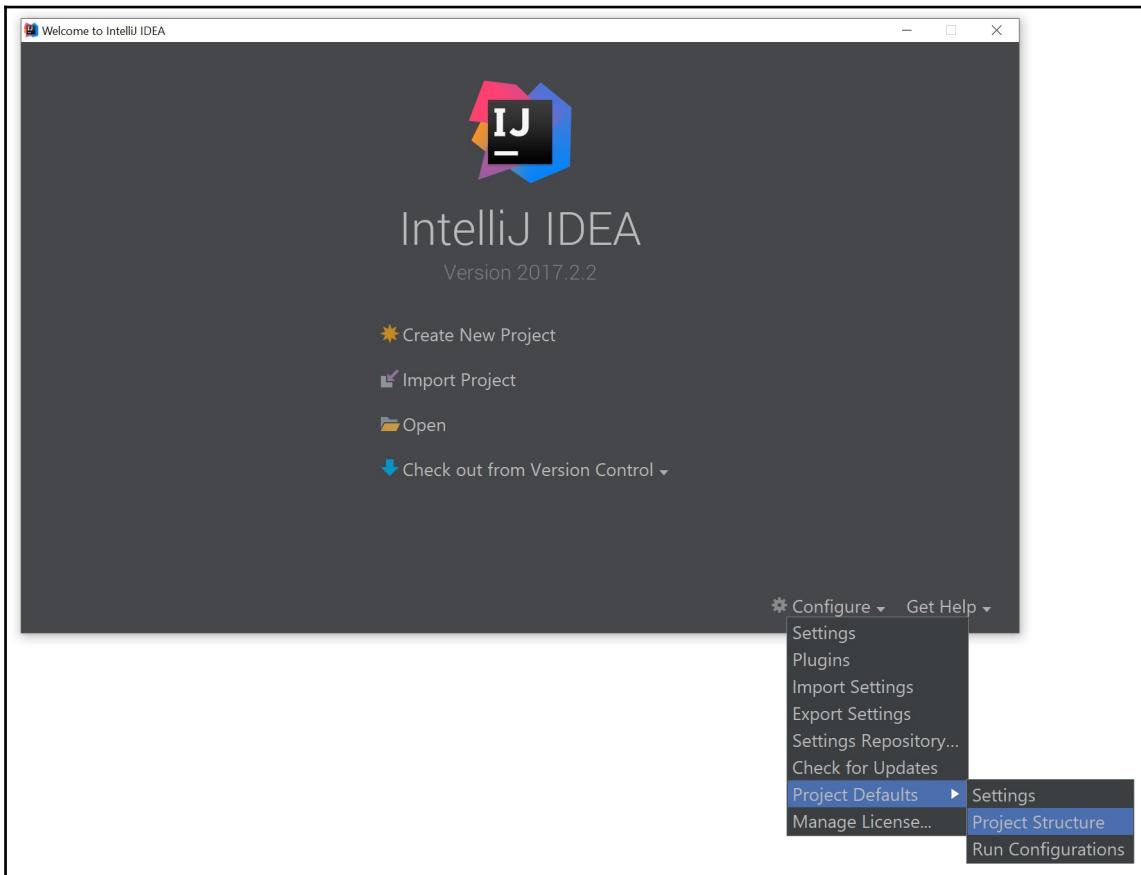






Chapter 2:

Getting Started with Spring Boot 2.0



SPRING INITIALIZR

bootstrap your application now

Generate a with and Spring Boot

Project Metadata

Artifact coordinates

Group

Artifact

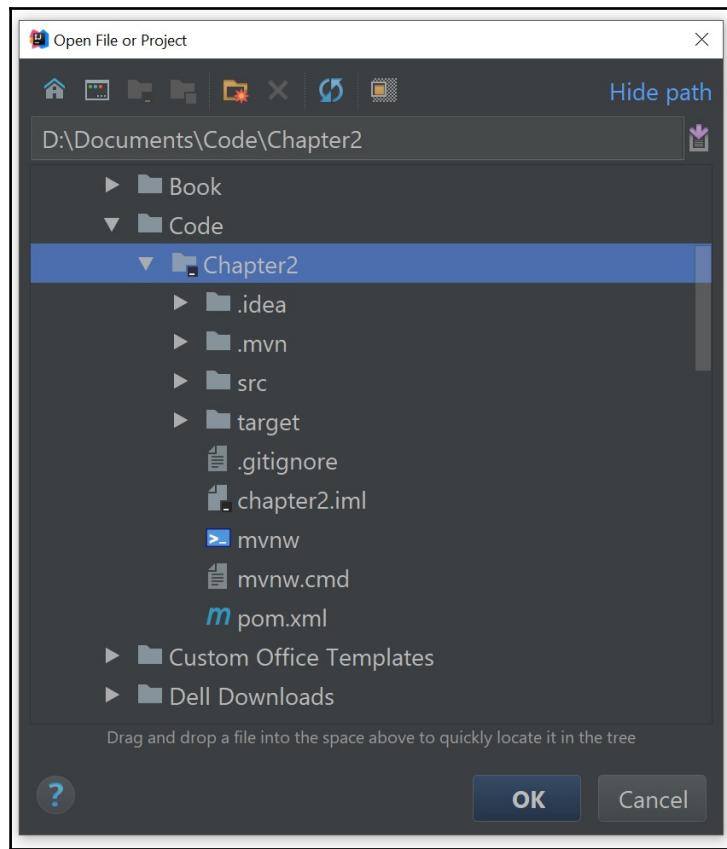
Dependencies

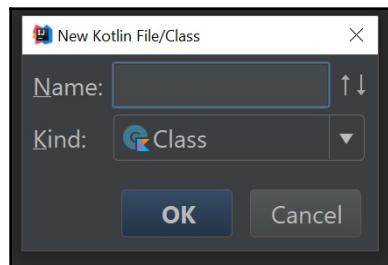
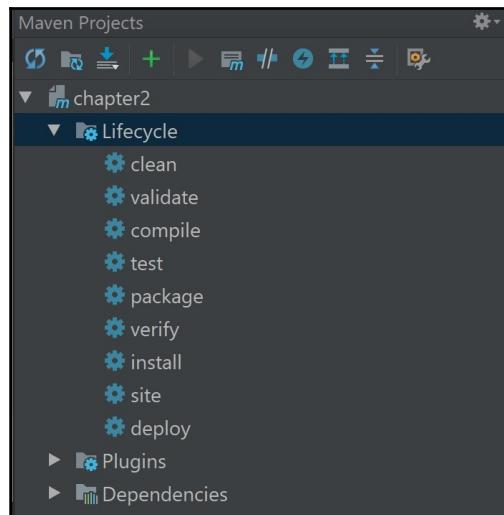
Add Spring Boot Starters and dependencies to your application

Search for dependencies

Selected Dependencies

Don't know what to look for? Want more options? [Switch to the full version.](#)





The screenshot shows the IntelliJ IDEA interface. At the top, there are three tabs: 'chapter2' (selected), 'Chapter2Application.kt', and 'ExampleService.kt'. The code editor displays the following Kotlin code:

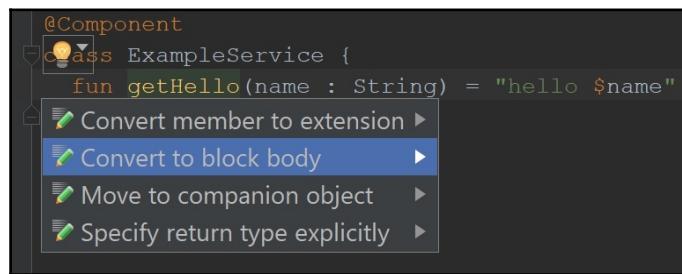
```
1 package com.microservices.chapter2
2
3 import org.springframework.stereotype.Component
4
5 @Component
6 class ExampleService {
7     fun getHello(name : String) = "hello $name"
8 }
9
```

The line 'fun getHello(name : String) = "hello \$name"' is highlighted with a red checkmark icon. Below the code editor is a toolbar with icons for 'File', 'Edit', 'Search', 'Run', 'Build', 'Tools', 'Help', and 'View'. The 'Run' button is highlighted.

The main window below the toolbar contains a 'Frames' list and a 'Variables' list. The 'Frames' list shows the current stack trace:

- "http-nio-...": getHello:7, ExampleService (com.micr...)
- hello:18, FirstController (com.micr...)
- invoke0:-1, NativeMethodAccess (native)
- invoke:62, NativeMethodAccess (native)
- invoke:43, DelegatingMethodAccess (native)
- invoke:498, Method (java.lang.Object)
- dolInvoke:209, InvocableHandler (native)
- invokeForRequest:136, InvocableHandler (native)
- invokeAndHandle:102, ServletInputStream (native)
- invokeHandlerMethod:869, RequestMapper (native)
- handleInternal:775, RequestMapper (native)

The 'Variables' list shows the variable 'name' with the value 'Kotlin'.



Chapter 4: Creating Reactive Microservices

SPRING INITIALIZR bootstrap your application now

Generate a with and Spring Boot

Project Metadata

Artifact coordinates

Group

Artifact

Dependencies

Add Spring Boot Starters and dependencies to your application

Search for dependencies

Selected Dependencies

Don't know what to look for? Want more options? [Switch to the full version.](#)

The screenshot shows the Spring Initializr interface. In the top bar, it says 'SPRING INITIALIZR bootstrap your application now'. Below that, there's a search bar with the placeholder 'Generate a [Maven Project] with [Kotlin] and Spring Boot [2.0.0 M7]'. Under 'Project Metadata', there are fields for 'Group' (containing 'com.microservices') and 'Artifact' (containing 'chapter4'). On the right, under 'Dependencies', there's a section for adding starters and a list of selected dependencies with a 'Reactive Web' button. At the bottom, there's a large green 'Generate Project' button and a note about switching to the full version.

Chapter 5: Reactive Spring Data

SPRING INITIALIZR bootstrap your application now

Generate a with and Spring Boot

Project Metadata

Artifact coordinates

Group

Artifact

Dependencies

Add Spring Boot Starters and dependencies to your application

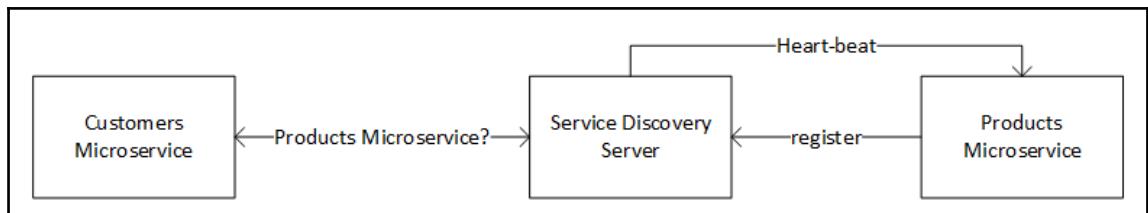
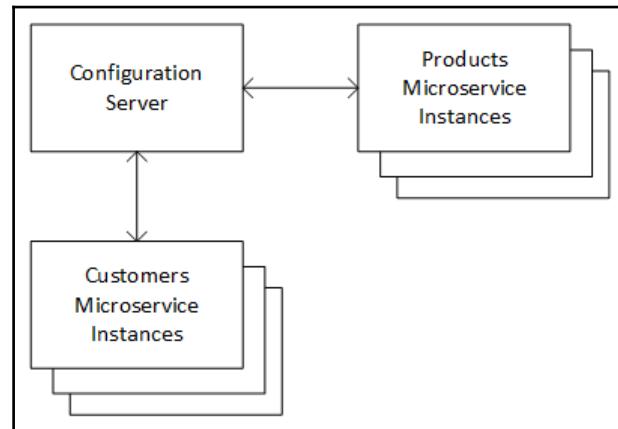
Search for dependencies

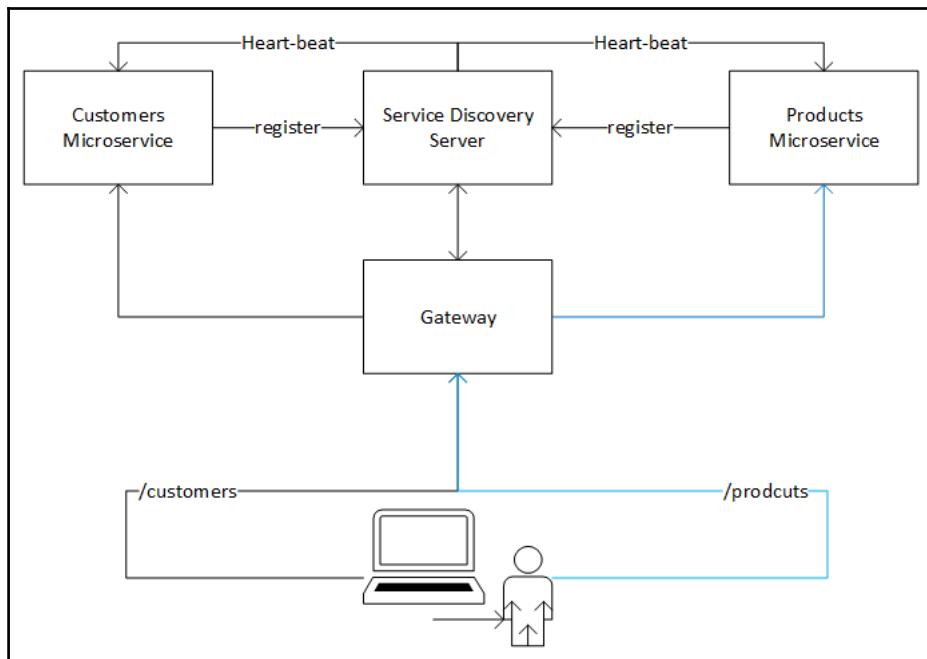
Selected Dependencies

Don't know what to look for? Want more options? [Switch to the full version.](#)

The screenshot shows the Spring Initializr web application. At the top, there's a header bar with the text "SPRING INITIALIZR bootstrap your application now". Below it, a main form has a title "Generate a [Maven Project] with [Kotlin] and Spring Boot [2.0.0 M7]". The left side of the form is labeled "Project Metadata" and contains fields for "Group" (set to "com.microservices") and "Artifact" (set to "chapter5"). The right side is labeled "Dependencies" and includes a search bar with "Web, Security, JPA, Actuator, Devtools..." and a list of selected dependencies: "Reactive Web" and "Reactive MongoDB". A large green button at the bottom center says "Generate Project alt + ⌘". At the very bottom, there's a small note: "Don't know what to look for? Want more options? [Switch to the full version.](#)".

Chapter 6: Creating Cloud-Native Microservices





SPRING INITIALIZR bootstrap your application now

Generate a with and Spring Boot

Project Metadata

Artifact coordinates

Group

Artifact

Dependencies

Add Spring Boot Starters and dependencies to your application

Search for dependencies

Selected Dependencies

Don't know what to look for? Want more options? [Switch to the full version.](#)

Instances currently registered with Eureka

Application	AMIs	Availability Zones	Status
DISCOVERY-SERVER	n/a (1)	(1)	UP (1) - DESKTOP-2407SAG.home:discovery-server:8761
GREETINGS	n/a (1)	(1)	UP (1) - DESKTOP-2407SAG.home:greetings

Instances currently registered with Eureka

Application	AMIs	Availability Zones	Status
DISCOVERY-SERVER	n/a (1)	(1)	UP (1) - DESKTOP-2407SAG.home:discovery-server:8761
GATEWAY	n/a (1)	(1)	UP (1) - DESKTOP-2407SAG.home:gateway
GREETINGS	n/a (1)	(1)	UP (1) - DESKTOP-2407SAG.home:greetings:0

Chapter 7: Creating Dockers

SPRING INITIALIZR bootstrap your application now

Generate a with and Spring Boot

Project Metadata

Artifact coordinates

Group

Artifact

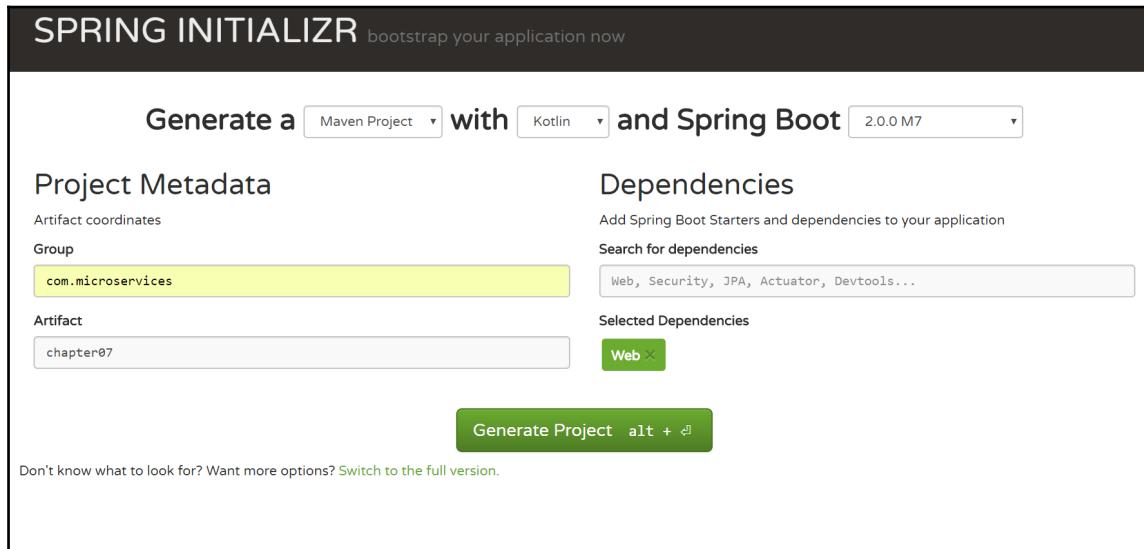
Dependencies

Add Spring Boot Starters and dependencies to your application

Search for dependencies

Selected Dependencies

Don't know what to look for? Want more options? [Switch to the full version.](#)



Explore Help Sign in

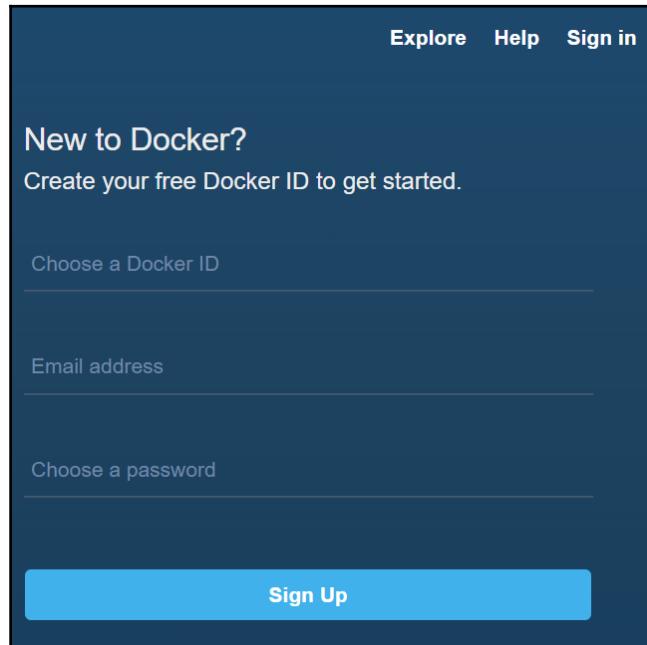
New to Docker?

Create your free Docker ID to get started.

Choose a Docker ID

Email address

Choose a password



Chapter 8: Scaling Microservices

SPRING INITIALizr bootstrap your application now

Generate a with and Spring Boot

Project Metadata

Artifact coordinates

Group

Artifact

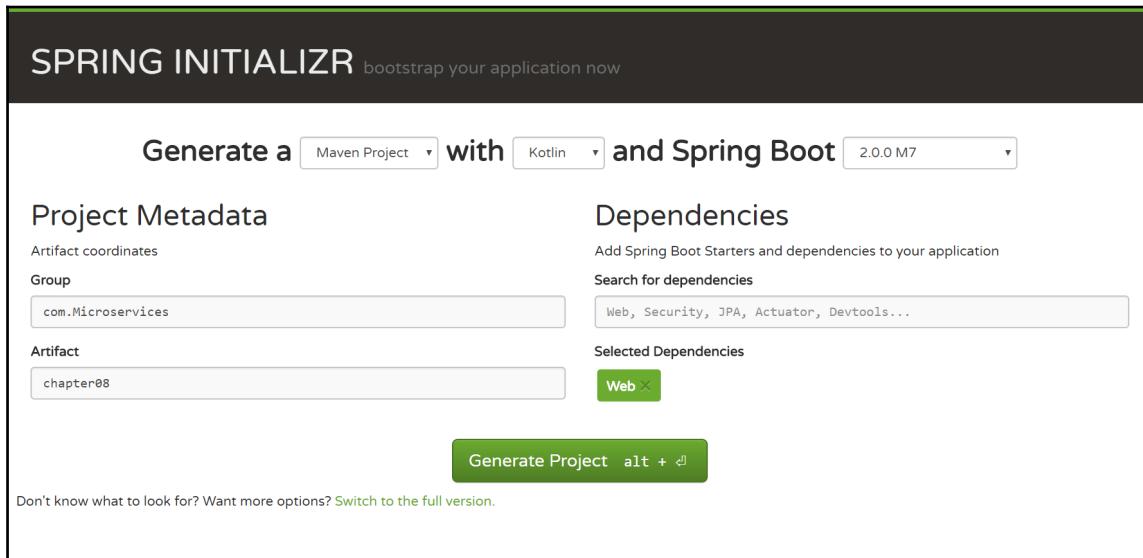
Dependencies

Add Spring Boot Starters and dependencies to your application

Search for dependencies

Selected Dependencies

Don't know what to look for? Want more options? [Switch to the full version.](#)



Chapter 9: Testing Spring Microservices

SPRING INITIALIZR bootstrap your application now

Generate a with and Spring Boot

Project Metadata

Artifact coordinates

Group

Artifact

Dependencies

Add Spring Boot Starters and dependencies to your application

Search for dependencies

Selected Dependencies

Don't know what to look for? Want more options? [Switch to the full version.](#)

```
8  @RunWith(SpringRunner::class)
9  @SpringBootTest
10 > class Chapter09ApplicationTests {
11
12     @Test
13     fun contextLoads() {
14
15     }
16
17 }
```

Run Chapter09ApplicationTests

Chapter09ApplicationTests (com.m137ms) 137ms

✓ Chapter09ApplicationTests (com.m137ms) 137ms

✓ contextLoads 137ms

INFO 10232 --- [main] o.s.w.s.m.m.a.RequestMappingHandlerMapping : 1 test passed - 137ms

2018-01-09 22:19:35.099 INFO 10232 --- [main] s.w.s.m.m.a.RequestMappingHandlerMapping : main] s.w.s.m.m.a.RequestMappingHandlerMapping : 1 test passed - 137ms

2018-01-09 22:19:35.102 INFO 10232 --- [main] s.w.s.m.m.a.RequestMappingHandlerMapping : main] s.w.s.m.m.a.RequestMappingHandlerMapping : 1 test passed - 137ms

2018-01-09 22:19:35.103 INFO 10232 --- [main] s.w.s.m.m.a.RequestMappingHandlerMapping : main] s.w.s.m.m.a.RequestMappingHandlerMapping : 1 test passed - 137ms

2018-01-09 22:19:35.126 INFO 10232 --- [main] o.s.w.s.handler.SimpleUrlHandlerMapping : main] o.s.w.s.handler.SimpleUrlHandlerMapping : 1 test passed - 137ms

2018-01-09 22:19:35.127 INFO 10232 --- [main] o.s.w.s.handler.SimpleUrlHandlerMapping : main] o.s.w.s.handler.SimpleUrlHandlerMapping : 1 test passed - 137ms

2018-01-09 22:19:35.140 WARN 10232 --- [main] o.s.h.c.j.MappingJackson2HttpMessageConverter : main] o.s.h.c.j.MappingJackson2HttpMessageConverter : 1 test passed - 137ms

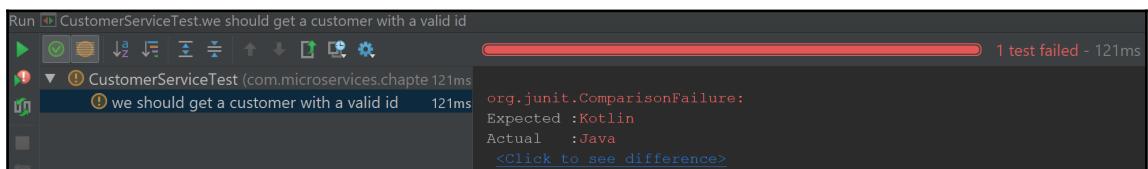
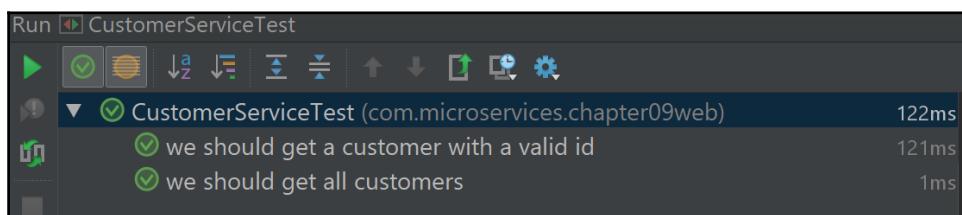
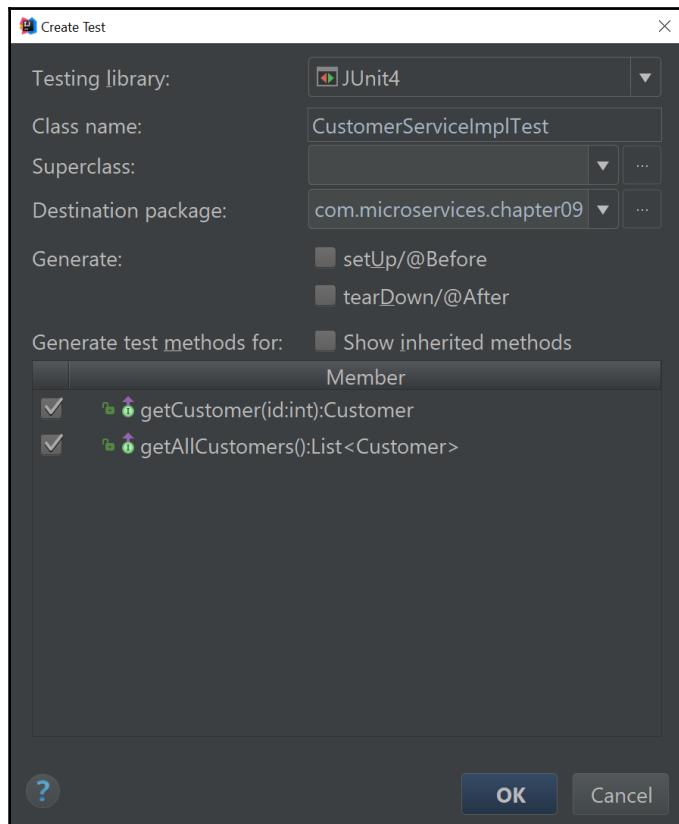
2018-01-09 22:19:35.163 INFO 10232 --- [main] o.s.w.s.handler.SimpleUrlHandlerMapping : main] o.s.w.s.handler.SimpleUrlHandlerMapping : 1 test passed - 137ms

2018-01-09 22:19:35.208 WARN 10232 --- [main] o.s.h.c.j.MappingJackson2HttpMessageConverter : main] o.s.h.c.j.MappingJackson2HttpMessageConverter : 1 test passed - 137ms

2018-01-09 22:19:35.286 INFO 10232 --- [main] c.m.chapter09.Chapter09ApplicationTests : main] c.m.chapter09.Chapter09ApplicationTests : 1 test passed - 137ms

2018-01-09 22:19:35.439 INFO 10232 --- [Thread-2] o.s.w.c.s.GenericMessageConverter : Thread-2] o.s.w.c.s.GenericMessageConverter : 1 test passed - 137ms

Process finished with exit code 0



Chapter 10: Monitoring Microservices

SPRING INITIALIZR bootstrap your application now

Generate a with and Spring Boot

Project Metadata

Artifact coordinates

Group

Artifact

Dependencies

Add Spring Boot Starters and dependencies to your application

Search for dependencies

Selected Dependencies

Don't know what to look for? Want more options? [Switch to the full version.](#)

The screenshot shows the Spring Initializr web application. At the top, it says "SPRING INITIALIZR bootstrap your application now". Below that, there's a search bar with the placeholder "Generate a [Maven Project] with [Kotlin] and Spring Boot [2.0.0 M7]". On the left, under "Project Metadata", there are fields for "Group" (containing "com.microservices") and "Artifact" (containing "chapter10"). On the right, under "Dependencies", there's a section for adding starters and dependencies, with a search bar containing "Web, Security, JPA, Actuator, Devtools...". Below that, under "Selected Dependencies", there are two green buttons labeled "Web" and "Actuator". At the bottom, there's a large green button labeled "Generate Project alt + ⌘". A note at the bottom says "Don't know what to look for? Want more options? Switch to the full version.".



Java Monitoring & Management Console



Connection Window Help

JConsole: New Connection X

New Connection

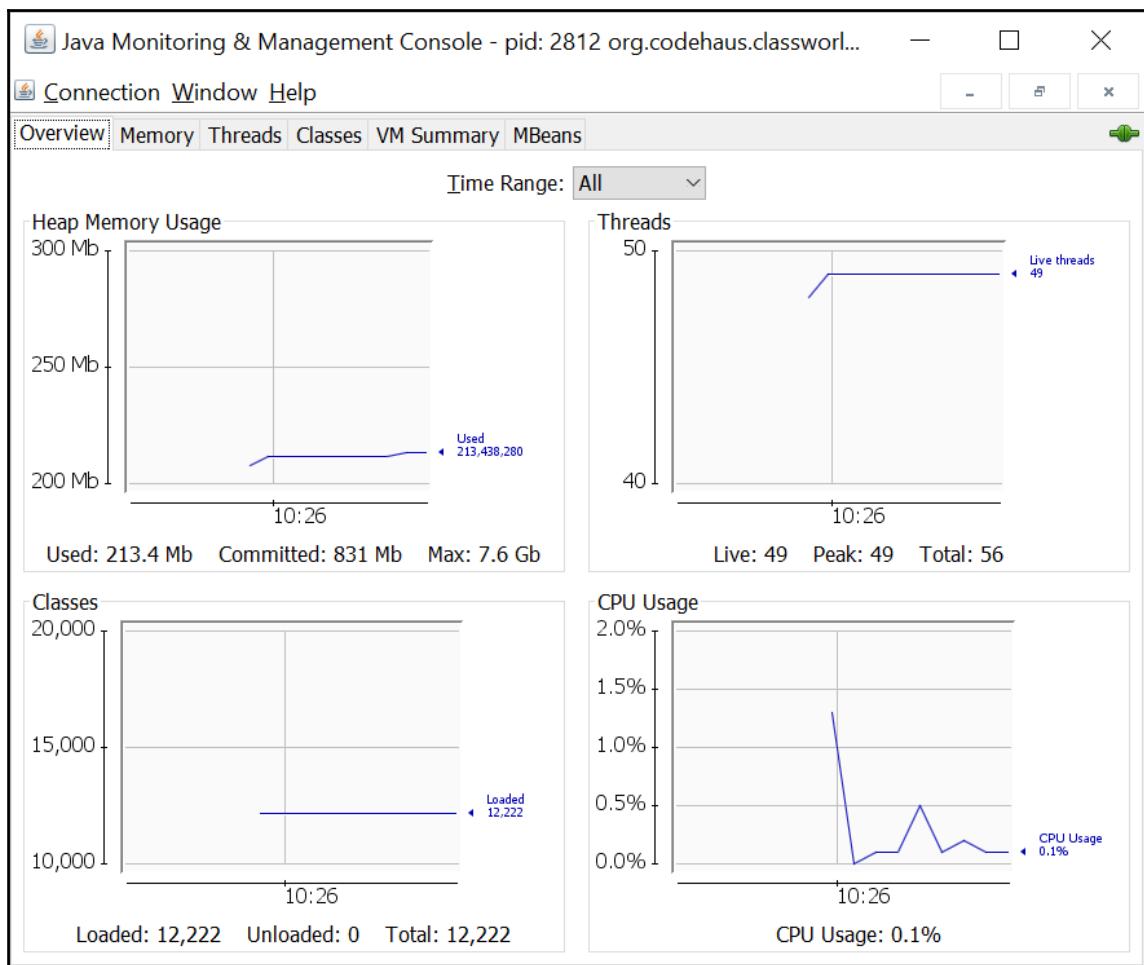
Local Process:

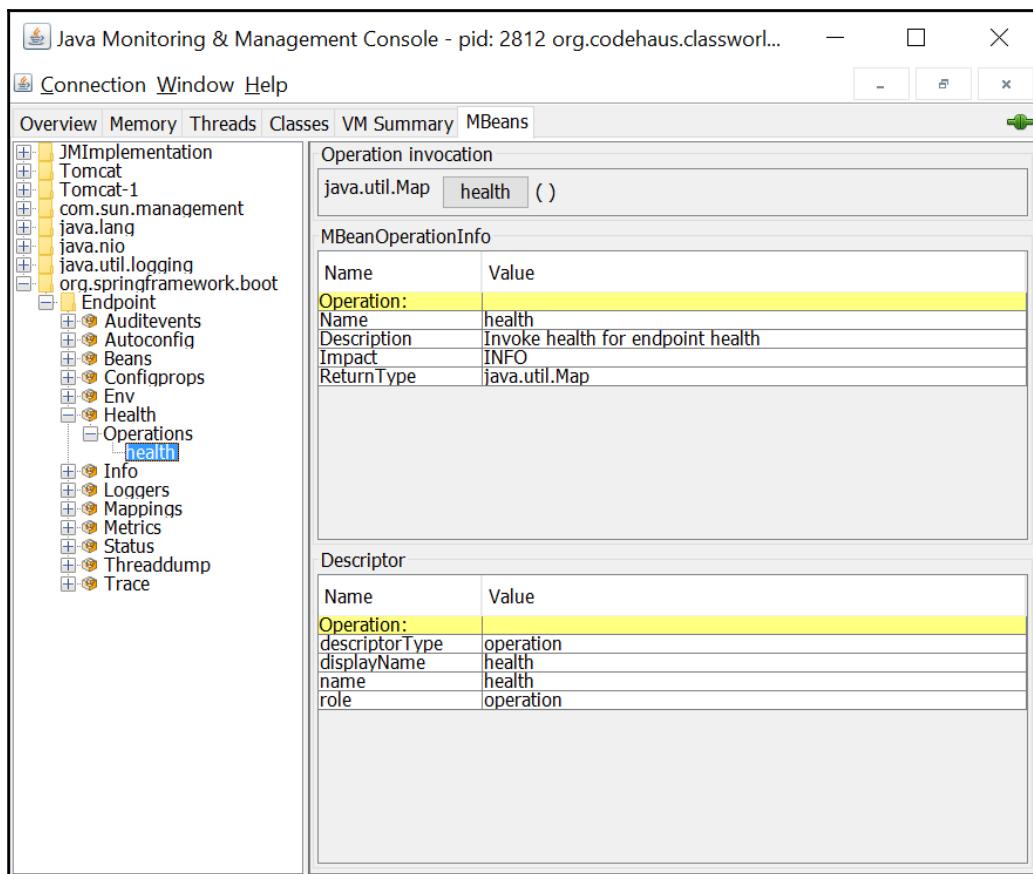
Name	PID
org.codehaus.classworlds.Launcher -Didea.version=2017.2.6 o...	2276
	4468
sun.tools.jconsole.JConsole	8792
org.jetbrains.idea.maven.server.RemoteMavenServer	7244

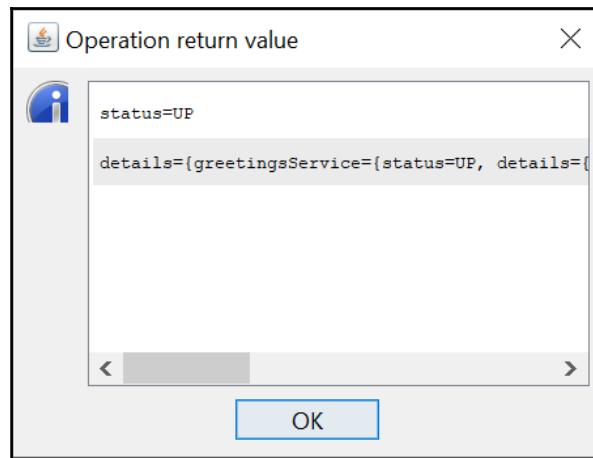
Remote Process:

Usage: <hostname>:<port> OR service:jmx:<protocol>:<sap>

Username: Password:



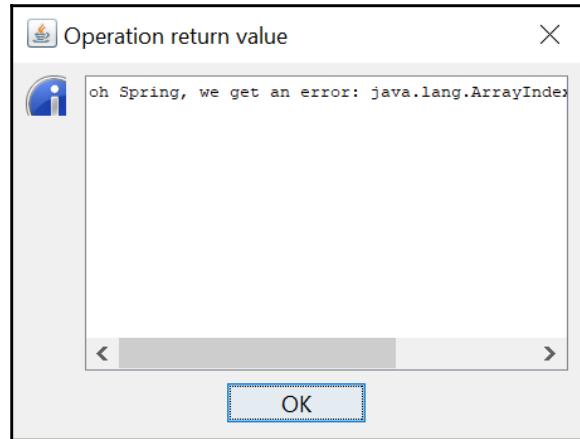
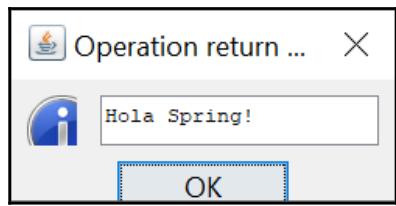




The Java Monitoring & Management Console window has tabs for Overview, Memory, Threads, Classes, VM Summary, and MBeans. The MBeans tab is selected. On the left, a tree view shows JMXImplementation, Tomcat, Tomcat-1, com.microservices, greetings, GetHello, Operations, hello, Notifications, com.sun.management, java.lang, java.nio, java.util.logging, and org.springframework.boot. The 'hello' node under 'Operations' is expanded. On the right, three panes provide details about the 'hello' operation: 'Operation invocation' (java.lang.String hello (name String)), 'MBeanOperationInfo' (table with rows for Operation, Parameter-0, and Descriptor), and 'Descriptor' (table with rows for Operation, descriptorType, displayName, name, and role).

Name	Value
Operation:	
Name	hello
Description	Returns a greeting message
Impact	UNKNOWN
ReturnType	java.lang.String
Parameter-0:	
Name	name
Description	provide a name
Type	java.lang.String

Name	Value
Operation:	
descriptorType	operation
displayName	hello
name	hello
role	operation



Chapter 11: Deploying Microservices

Username

Juan-Medina-Code ✓

Email

code@juan-medina.com ✓

Password

..... ✓

Use at least one letter, one numeral, and seven characters.

Sign up for GitHub

By clicking "Sign up for GitHub", you agree to our [terms of service](#) and [privacy policy](#). We'll occasionally send you account related emails.

Welcome to GitHub

You've taken your first step into a larger world, **@Juan-Medina-Code**.



Completed

Set up a personal account



Step 2:

Choose your plan



Step 3:

Tailor your experience

Choose your personal plan

- Unlimited public repositories for free.
- Unlimited private repositories for \$7/month.**

Don't worry, you can cancel or upgrade at any time.

Help me set up an organization next

Organizations are separate from personal accounts and are best suited for businesses who need to manage permissions for many employees.

[Learn more about organizations](#)

Send me updates on GitHub news, offers, and events

Unsubscribe anytime in your email preferences. [Learn more](#)

Continue

Both plans include:

- Collaborative code review
- Issue tracking
- Open source community
- Unlimited public repositories
- Join any organization

Welcome to GitHub

You'll find endless opportunities to learn, code, and create, **@Juan-Medina-Code**.



Completed
Set up a personal account



Step 2:
Choose your plan



Step 3:
Tailor your experience

How would you describe your level of programming experience?

- Very experienced Somewhat experienced Totally new to programming

What do you plan to use GitHub for? (check all that apply)

- Research School projects Project Management
 Development Design Other (please specify)

Which is closest to how you would describe yourself?

- I'm a professional I'm a student I'm a hobbyist
 Other (please specify)

What are you interested in?

e.g. tutorials, android, ruby, web-development, machine-learning, open-source

Submit

[skip this step](#)

OPENSHIFT ONLINE

LOGIN WITH RED HAT

[Sign up for OpenShift Online](#)



Log In

You can use your existing Red Hat OpenShift Online, Red Hat Developer Program, Red Hat Customer Portal, or other Red Hat account to log in.

LOG IN USING YOUR RED HAT ACCOUNT

Case Sensitive

 SHOW

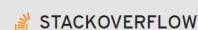
[Forgot Password?](#)

LOG IN

LOG IN USING SOCIAL ACCOUNT



GITHUB



or

NEED A RED HAT ACCOUNT?

[REGISTER](#)

 RED HAT
DEVELOPERS

Authorize Red Hat Developers



Red Hat Developers by **redhat-developer**
wants to access your **Juan-Medina-Code** account



Personal user data

Email addresses (read-only)



Authorize redhat-developer

Authorizing will redirect to

<https://developers.redhat.com>



Not owned or
operated by GitHub



Created 3 years ago



More than 1K
GitHub users

[Learn more about OAuth](#)

 It looks like we need you to verify your account information.

To continue setup of your Red Hat account, please review and update your account information below. We retrieved the pre-filled information from your selected social login provider.

Account Information

First name *

Juan

Last name *

Medina

Email *

code@juan-medina.com

Password. Minimum 6 characters. *

SHOW

Company

Country *

United Kingdom

I have read and agree to all the terms and conditions below (check all boxes).

* I have read and agree to the OpenShift Online Service Agreement [\[2\]](#).

* I have read and agree to the Red Hat Portals Terms of Use and Export Control Agreement [\[3\]](#).

I would like to receive the Red Hat OpenShift Online newsletter.

SUBMIT

Plans

Cluster Regions

Config

1

2

3

Select a Plan



Starter

For individual learning and experimenting.

1 Project

1GiB Memory Included

1GiB Terminating Memory Included ⓘ

1GiB Storage Included

Resource Hibernation ⓘ



Pro

For professional projects and hosting.

10 Projects

2GiB Memory Included
Up to 48GiB Memory Available

2GiB Terminating Memory Included ⓘ
Up to 20GiB Terminating Memory Available

Up to 100GiB Storage

Always On, Unlimited Usage

Invite Collaborators to Projects

Supports Custom Domains

Scheduled Jobs

FREE

Starting at \$50.00/Month

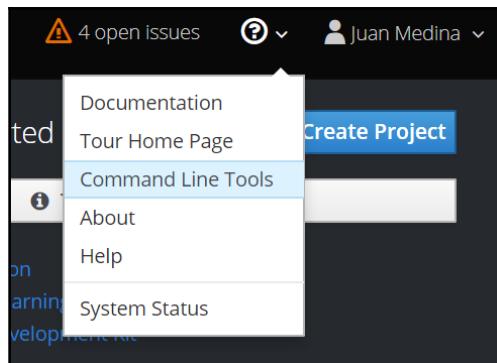
Plans Cluster Regions Confirm

1 2 3

Select Your Preferred Cluster/Region

Your OpenShift Online Starter Plan will be provisioned in your preferred cluster/region. If capacity is unavailable, your account will remain queued and will be provisioned when capacity becomes available. An email will be delivered to you upon being provisioned.

US West (California) Canada (Central)



SPRING INITIALIZR bootstrap your application now

Generate a with and Spring Boot

Project Metadata

Artifact coordinates

Group

Artifact

Dependencies

Add Spring Boot Starters and dependencies to your application

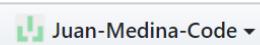
Search for dependencies

Selected Dependencies

Create a new repository

A repository contains all the files for your project, including the revision history.

Owner



Repository name

/ customers



Great repository names are short and memorable. Need inspiration? How about [shiny-octo-guacamole](#).

Description (optional)



Public

Anyone can see this repository. You choose who can commit.



Private

You choose who can see and commit to this repository.

Initialize this repository with a README

This will let you immediately clone the repository to your computer. Skip this step if you're importing an existing repository.

Add .gitignore: None ▾

Add a license: None ▾



Create repository

Juan-Medina-Code / customers



Watch ▾ 0

★ Star 0

fork 0

Code

Issues 0

Pull requests 0

Projects 0

Wiki

Insights

Settings

Quick setup — if you've done this kind of thing before

Set up in Desktop

or HTTPS

SSH

<https://github.com/Juan-Medina-Code/customers.git>



We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

 Juan-Medina-Code / customers

[Watch](#) 0 [Star](#) 0 [Fork](#) 0

[Code](#) [Issues 0](#) [Pull requests 0](#) [Projects 0](#) [Wiki](#) [Insights](#) [Settings](#)

No description, website, or topics provided. [Edit](#)

Add topics

1 commit 1 branch 0 releases 1 contributor

Branch: master ▾ [New pull request](#) [Create new file](#) [Upload files](#) [Find file](#) [Clone or download](#)

File	Description	Time
 Juan-Medina-Code first commit to github		Latest commit 268e1b3 4 minutes ago
 .mvn/wrapper	first commit to github	4 minutes ago
 src	first commit to github	4 minutes ago
 .gitignore	first commit to github	4 minutes ago
 mvnw	first commit to github	4 minutes ago
 mvnw.cmd	first commit to github	4 minutes ago
 pom.xml	first commit to github	4 minutes ago

Help people interested in this repository understand your project by adding a README. [Add a README](#)

OPENSHIFT ONLINE

Search Catalog

Deploy Image Import YAML / JSON Select from Project

Browse Catalog

All Languages Databases Middleware CI/CD Other

Filter ▾ 28 Items

.NET



.NET Core Builder Images

php



CakePHP + MySQL
(Persistent)

Dancer + MySQL
(Persistent)

Django + PostgreSQL
(Persistent)



Jenkins (Persistent)

Laravel + MySQL
(Persistent)

MariaDB (Persistent)

MongoDB (Persistent)

MySQL (Persistent)

node

node



php



Node.js

Node.js + MongoDB
(Persistent)

Perl

PHP

PostgreSQL (Persistent)

Python



RED HAT
JBoss

RED HAT
JBoss



Rails + PostgreSQL
(Persistent)

Red Hat JBoss Web
Server 3.0 Tomcat 7

Red Hat JBoss Web
Server 3.0 Tomcat 8

Red Hat JBoss Web
Server 3.0 Tomcat 8 (no
https)

RED HAT
JBoss

RED HAT
JBoss

RED HAT
JBoss

RED HAT
JBoss



Red Hat JBoss Web
Server 3.1 Tomcat 7

Red Hat JBoss Web
Server 3.1 Tomcat 8

Red Hat OpenJDK 8

Red Hat OpenJDK 8

Redis (Ephemeral)

Red Hat OpenJDK 8



Information

Configuration

Results

1

2

3

Red Hat OpenJDK 8

RED HAT
JBoss

JAVA XPAAS

Application template for Java applications built using S2I.

Cancel

< Back

Next >

Red Hat OpenJDK 8

X

Information Configuration Results

1 2 3

Create Project

* Project Name

kotlin-microservices

A unique name for the project.

Project Display Name

Kotlin Microservices

Project Description

A short description.

* Application Name

customers

The name for the application.

Custom http Route Hostname

Cancel < Back Create

This screenshot shows a 'Create Project' dialog box. The 'Configuration' tab is active. The 'Project Name' field is filled with 'kotlin-microservices'. The 'Project Display Name' field contains 'Kotlin Microservices'. The 'Project Description' field has the placeholder 'A short description.'. The 'Application Name' field is set to 'customers'. There is also a 'Custom http Route Hostname' field, which is currently empty. At the bottom right, there are three buttons: 'Cancel', '< Back', and a blue 'Create' button.

My Projects

+ Create Project

1 of 1 Projects

View All

Kotlin Microservices

kotlin-microservices – created by code-9 2 minutes ago

⋮

This screenshot shows a 'My Projects' dashboard. It displays one project, 'Kotlin Microservices', which was created by 'code-9' 2 minutes ago. The project card includes a three-dot menu icon. At the top right, there is a '+ Create Project' button and a 'View All' link.

OPENSOURCE ONLINE

Kotlin Microservices

Add to Project

Overview Applications Builds Resources Storage Monitoring

APPLICATION openjdk18-web-basic-s2i

DEPLOYMENT customers, #2

CONTAINER: CUSTOMERS

- Image: kotlin-microservices/customers `0a4e19a` 262.6 MiB
- Build: customers, #1
- Source: first commit to github `26861b3`
- Ports: 8080/TCP (http) and 2 others

Average Usage Last 15 Minutes

290 MiB Memory
-- Cores CPU
-- Kib/s Network

1 pod

Networking

SERVICE Internal Traffic: customers
8080/TCP → 8080

ROUTES External Traffic: http://customers-kotlin-microservices.193b.starter-ca-central-1.openshiftapps.com
Route customers

This screenshot shows the OpenShift Online application overview for 'Kotlin Microservices'. It displays the deployment 'customers, #2' with a single pod running. The pod usage is shown as 290 MiB Memory, -- Cores CPU, and -- Kib/s Network. The networking section shows an internal service 'customers' mapping port 8080/TCP to 8080, and an external route for the same endpoint.

OPENSOURCE ONLINE

Kotlin Microservices

Overview Applications Builds Resources Storage Monitoring

Pods Learn More

Filter by label Add

Name	Status
customers-2-bq95f	Running
customers-1-build	Completed

This screenshot shows the OpenShift Online pod management interface. It lists two pods: 'customers-2-bq95f' (status: Running) and 'customers-1-build' (status: Completed). A 'Filter by label' input field and an 'Add' button are also visible.

Builds > customers

customers

created 43 minutes ago

Start Build Actions

app openjdk18-web-basic-s2i application customers template openjdk18-web-basic-s2i More labels...

History Configuration Environment Events

Details

Build Strategy:	Source
Source Repo:	https://github.com/Juan-Medina-Code/customers.git
Source Ref:	master
Source Context Dir:	/
Builder Image:	openshift/redhat-openjdk18-openshift:1.1
Output To:	kotlin-microservices/customers:latest
Run Policy:	Serial

Triggers Learn More

Config Change For:	Build config customers
New Image For:	openshift/redhat-openjdk18-openshift:1.1
Generic Webhook URL:	https://api.starter-ca-central-1.openshift.co
GitHub Webhook URL:	https://api.starter-ca-central-1.openshift.co
Manual (CLI):	oc start-build customers -n kotlin-microser

There are no annotations on this resource.

Juan-Medina-Code / customers

Watch 0 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Insights Settings

Add webhook

Options

Collaborators

Branches

Webhooks

Integrations & services

Deploy keys

Webhooks

Webhooks allow external services to be notified when certain events happen. When the specified events happen, we'll send a POST request to each of the URLs you provide. Learn more in our [Webhooks Guide](#).

Juan-Medina-Code / customers

Watch 0 | Star 0 | Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Insights Settings

Options

Collaborators

Branches

Webhooks

Integrations & services

Deploy keys

Webhooks / Add webhook

We'll send a POST request to the URL below with details of any subscribed events. You can also specify which data format you'd like to receive (JSON, x-www-form-urlencoded, etc). More information can be found in our developer documentation.

Payload URL *

`https://api.starter-ca-central-1.openshift.com/oapi/v1/namespaces/k`

Content type

application/json

Secret

By default, we verify SSL certificates when delivering payloads. [Disable SSL verification](#)

Which events would you like to trigger this webhook?

Just the push event.

Send me everything.

Let me select individual events.

Active
We will deliver event details when this hook is triggered.

Add webhook

Builds > customers

customers created an hour ago

app openjdk18-web-basic-s2i application customers template openjdk18-web-basic-s2i More labels...

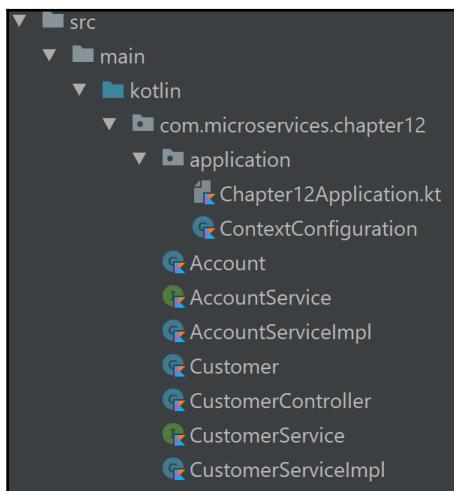
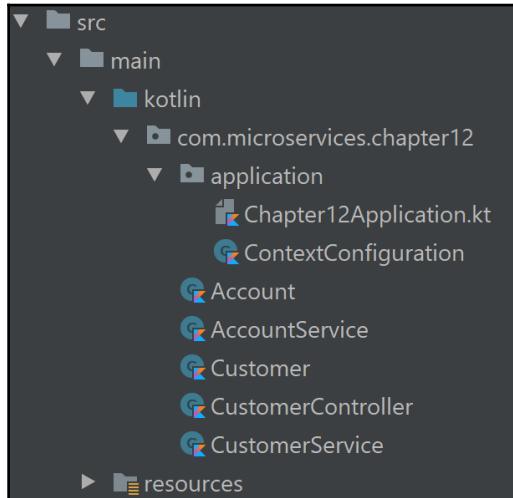
History Configuration Environment Events

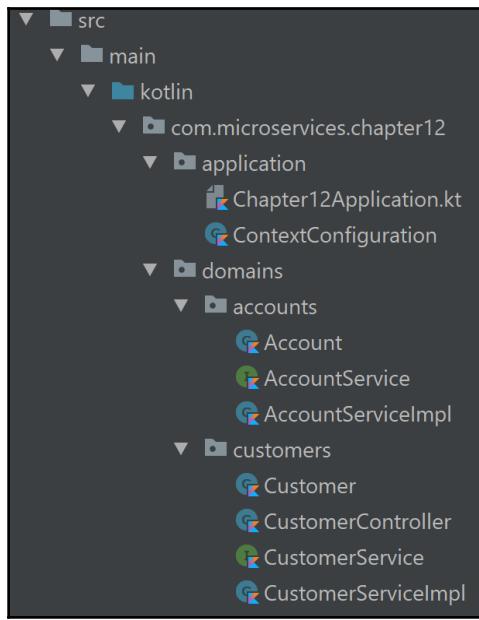
Build #2 is running. View Log
started a minute ago

Filter by label Add

Build	Status	Duration
#2	Running	57 seconds
#1	Complete	7 minutes, 47 seconds

Chapter 12: Best Practices





```
▼ └─ src
    └─ main
        └─ kotlin
            └─ com.microservices.chapter12
                └─ application
                    └─ Chapter12Application.kt
                    └─ ContextConfiguration
                └─ domains
                    └─ accounts
                        └─ model
                            └─ Account
                        └─ services
                            └─ AccountService
                            └─ AccountServiceImpl
                └─ customers
                    └─ controller
                        └─ CustomerController
                    └─ model
                        └─ Customer
                    └─ services
                        └─ CustomerService
                        └─ CustomerServiceImpl
```

