



FREE eBook

LEARNING spring-cloud

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#spring-
cloud

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About

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Chapter 1: Getting started with spring-cloud

Remarks

This section provides an overview of what spring-cloud is, and why a developer might want to use it.

It should also mention any large subjects within spring-cloud, and link out to the related topics. Since the Documentation for spring-cloud is new, you may need to create initial versions of those related topics.

Examples

Getting started with Cloud Config: Server setup

To externalise a distributed systems configuration Spring Cloud Config provides server and client-side support needed for externalising and centralising your configuration.

To get started quickly you could use [Spring Initializr](#) to bootstrap your server. Add the Config Server dependency to automatically generate a project with the needed dependencies.

Or you could add the dependency manually to an existing Spring Cloud application.

```
<dependency>
  <groupId>org.springframework.cloud</groupId>
  <artifactId>spring-cloud-config-server</artifactId>
</dependency>
```

By default you can use a Git repository to store you configuration. Defined in :

```
spring.cloud.config.server.git.uri: file://${user.home}/config-repo
```

The default port to run a config server on is 8888.

```
server.port: 8888
```

To enable the config server the application starting class needs to be annotated with `@EnableConfigServer`.

Getting started with Cloud Config: Client setup

To get started quickly you could use [Spring Initializr](#) to bootstrap your client. Add the Config Client to automatically generate a project with the needed dependencies.

Or you could add the dependency manually to an existing Spring Cloud application.

```
<dependency>
  <groupId>org.springframework.cloud</groupId>
  <artifactId>spring-cloud-starter-config</artifactId>
</dependency>
```

Once the dependency is on the classpath Spring Cloud will try to connect to a Config Server on `localhost` to retrieve the configuration.

Read [Getting started with spring-cloud online](https://riptutorial.com/spring-cloud/topic/7072/getting-started-with-spring-cloud): <https://riptutorial.com/spring-cloud/topic/7072/getting-started-with-spring-cloud>

Credits

S. No	Chapters	Contributors
1	Getting started with spring-cloud	Community , Jeff