

05-Spring with OtherLIB



Spring-Boot Spring

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Spring-Boot SpringBoot

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Spring Bean

Spring .

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() ,

SPRING Bean ,

SPRING .

Application Closed ,

, Spring Bean

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GraceFulStop .

Java Bean(Oracle)/Spring Bean .

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- XML
- ApplicationConfig Class Bean

XML

(XML .)

ApplicationConfig Class .

C#

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- JAVA : <http://daitso.kds.co.kr/38383/>
- C# <http://www.spatium.co.kr/languages/content.php?chno=23&bno=87>

AppicationConfig

```

<dependency>
<groupId>com.typesafe.akka</groupId>
<artifactId>akka-actor_2.11</artifactId>
<version>${akka.version}</version>
</dependency>

<dependency>
<groupId>com.typesafe.akka</groupId>
<artifactId>akka-stream-kafka_2.11</artifactId>
<version>0.19</version>
</dependency>

<dependency>
<groupId>com.typesafe.akka</groupId>
<artifactId>akka-actor_2.11</artifactId>
<version>${akka.version}</version>
</dependency>

<dependency>
<groupId>com.typesafe.akka</groupId>
<artifactId>akka-testkit_2.11</artifactId>
<version>${akka.version}</version>
</dependency>

```

```

@Configuration
public class ApplicationConfig {

    private final ApplicationContext applicationContext;
    private final SpringExtension springAkkaExtension;

    @Autowired
    public ApplicationConfig(ApplicationContext applicationContext, SpringExtension springAkkaExtension) {
        this.applicationContext = applicationContext;
        this.springAkkaExtension = springAkkaExtension;
    }

    @Bean
    public ActorSystem actorSystem() {
        final ActorSystem system = ActorSystem.create("default", akkaConfiguration());
        springAkkaExtension.setApplicationContext(applicationContext);
        return system;
    }

    @Bean
    public Config akkaConfiguration() {
        return ConfigFactory.load();
    }
}

```

AKKA ActorSystem. SPRING-STARTER

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AKKA , .

```

source
.groupedWithin(100, Duration.create(5, TimeUnit.SECONDS))
.map(group -> foldLeft(group))
.mapAsync(3, c -> c.commitJavadsl())

```

, 5 100 (50 1 50)

// ,

Application

```
@SpringBootApplication
public class Study1Application {
    public static void main(String[] args) {
        final ApplicationContext context = SpringApplication.run(Study1Application.class,
args);
        final ActorSystem system = context.getBean(ActorSystem.class);
        final ActorMaterializer materializer = ActorMaterializer.create(system);
    }
}
```

getBean . Bean

SPRING .

Bean

```
//
@Autowired
private ApplicationContext context;

// , .
ActorSystem system = context.getBean(ActorSystem.class);
```



spring boot

spring-boot , AKKA

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- <http://kimrudolph.de/blog/spring-boot-meets-akka>
- <http://www.baeldung.com/akka-with-spring>