

Getting the Demonstration Spring Batch Project



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Patient Batch GitHub Repository

<https://github.com/michaelhoffmantech/patient-batch-loader>



Batch Application Pre-requisites

Language

Java
version 1.8

Build Tool

Gradle
version 4.x

Source Code Control

Git
version 2.x

IDE

IntelliJ IDEA

Spring Boot

version 2.0

Spring Batch

version 4.0



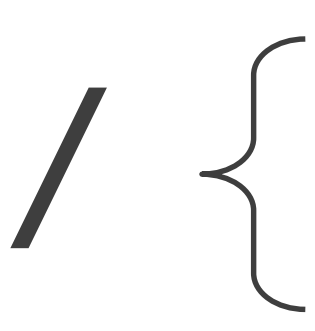
Demo



[https://github.com/michaelhoffmantech/
patient-batch-loader/releases](https://github.com/michaelhoffmantech/patient-batch-loader/releases)



Batch Application Template Code Structure

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- /data - Sample batch files
 - /gradle - Gradle scripts for profiles and Liquibase
 - /src - Source files for the application
 - build.gradle - Main Gradle build script
 - gradle.properties - Gradle script properties

Batch Application Template Code Structure

`/src/main/resources`
`/config`



- `/liquibase` – Contains schema files for Liquibase
- `application.yml` – Contains base properties
- `application-dev.yml` – Contains dev properties
- `application-prod.yml` – Contains prod properties



```
@Configuration
@EnableJpaRepositories(
    value = "com.pluralsight.springbatch.patientbatchloader",
    entityManagerFactoryRef = "batchEntityManagerFactory")
@EnableTransactionManagement
public class DatabaseConfiguration {

    @Bean(name = "batchDataSource")
    public DataSource batchDataSource() {}

    @Bean(name = "batchTransactionManager")
    public PlatformTransactionManager transactionManager()
}
```

DatabaseConfiguration.java

Package is com.pluralsight.springbatch.patientbatchloader.config



Summary



Retrieved the project template

Code walkthrough

