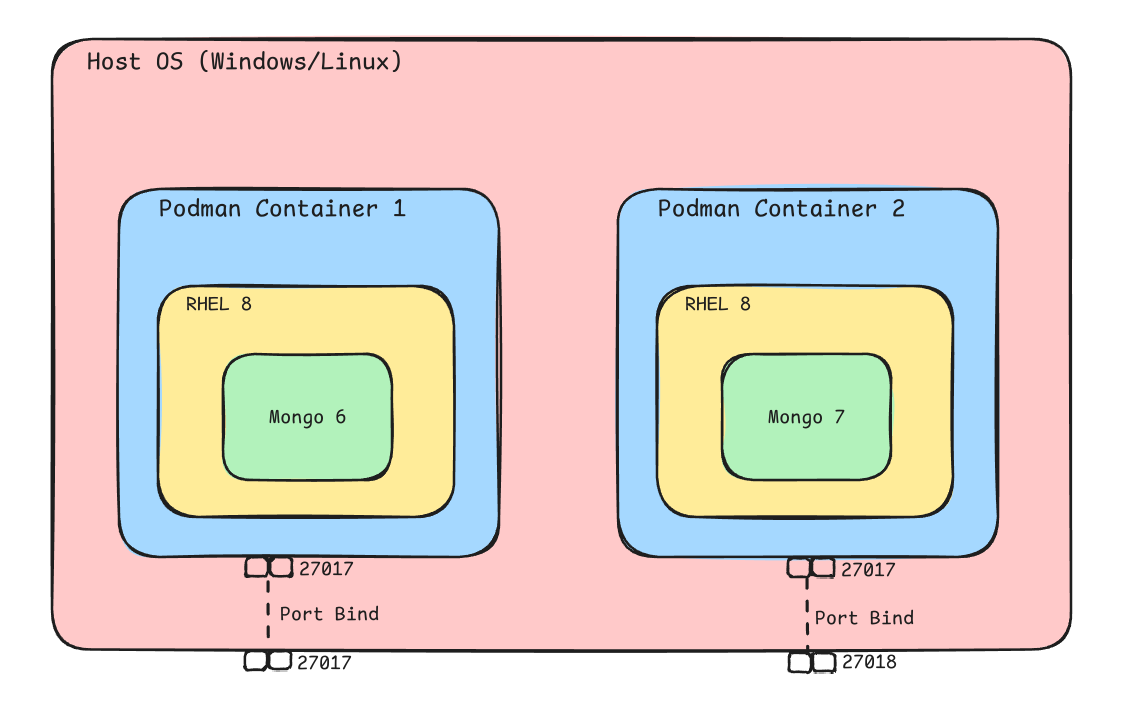
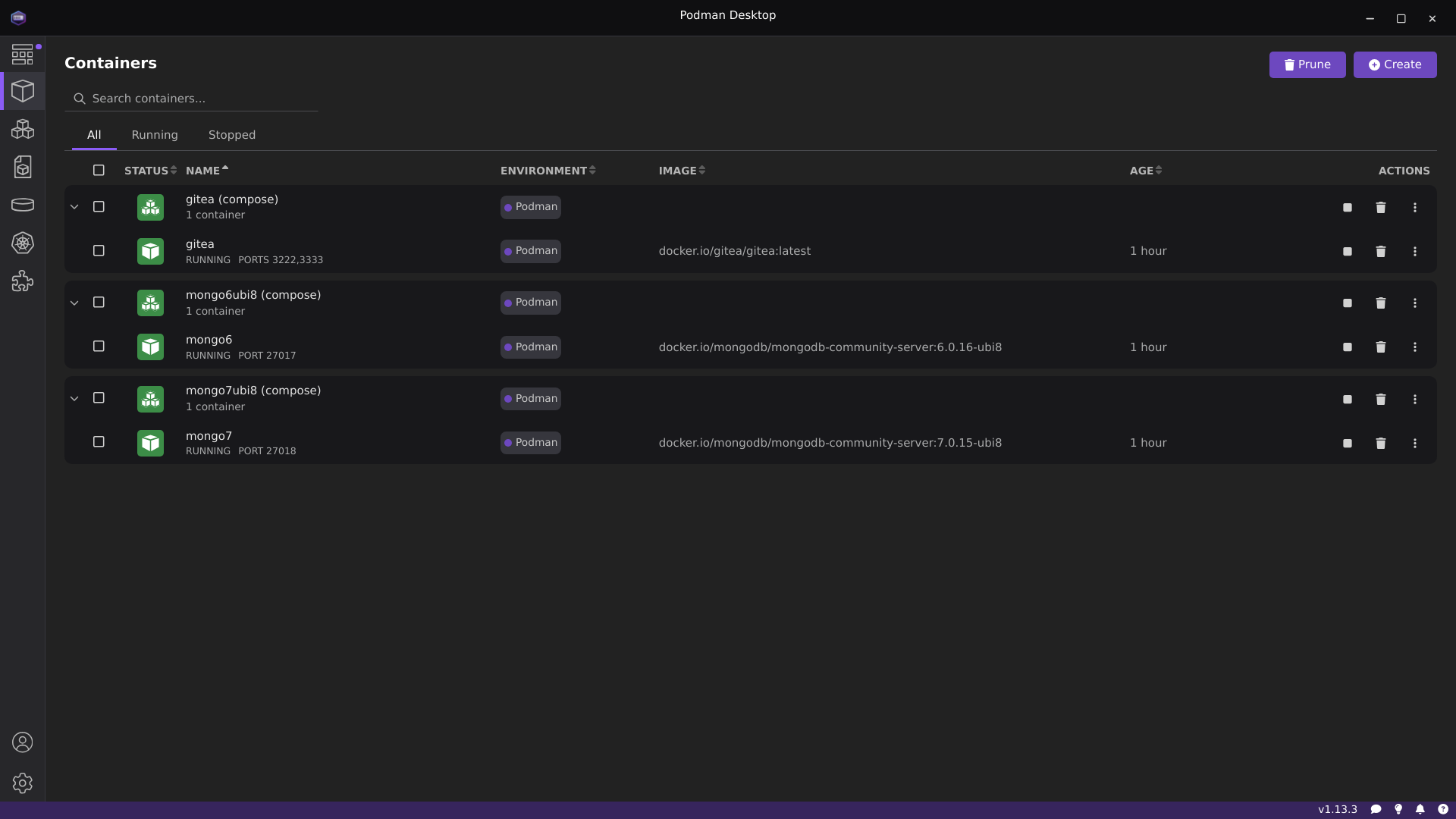
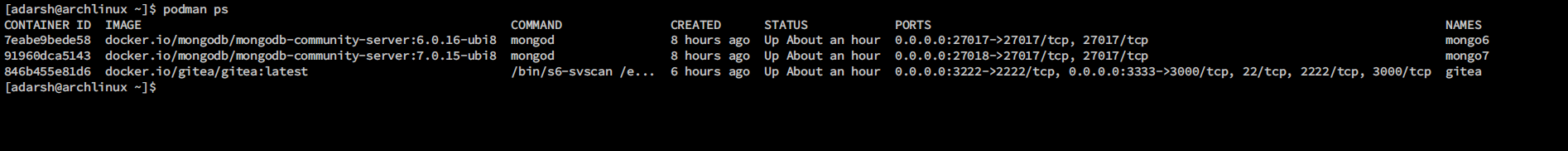
# Mongo Spring Compatibility

# Environment

|  |  |  |  |
| --- | --- | --- | --- |
| Mongo Version | Podman Image | RHEL Version | Host Port |
| 6.0.16 | mongodb-community-server:6.0.16-ubi8 | 8 | 27017 |
| 7.0.15 | mongodb-community-server:7.0.15-ubi8 | 8 | 27018 |







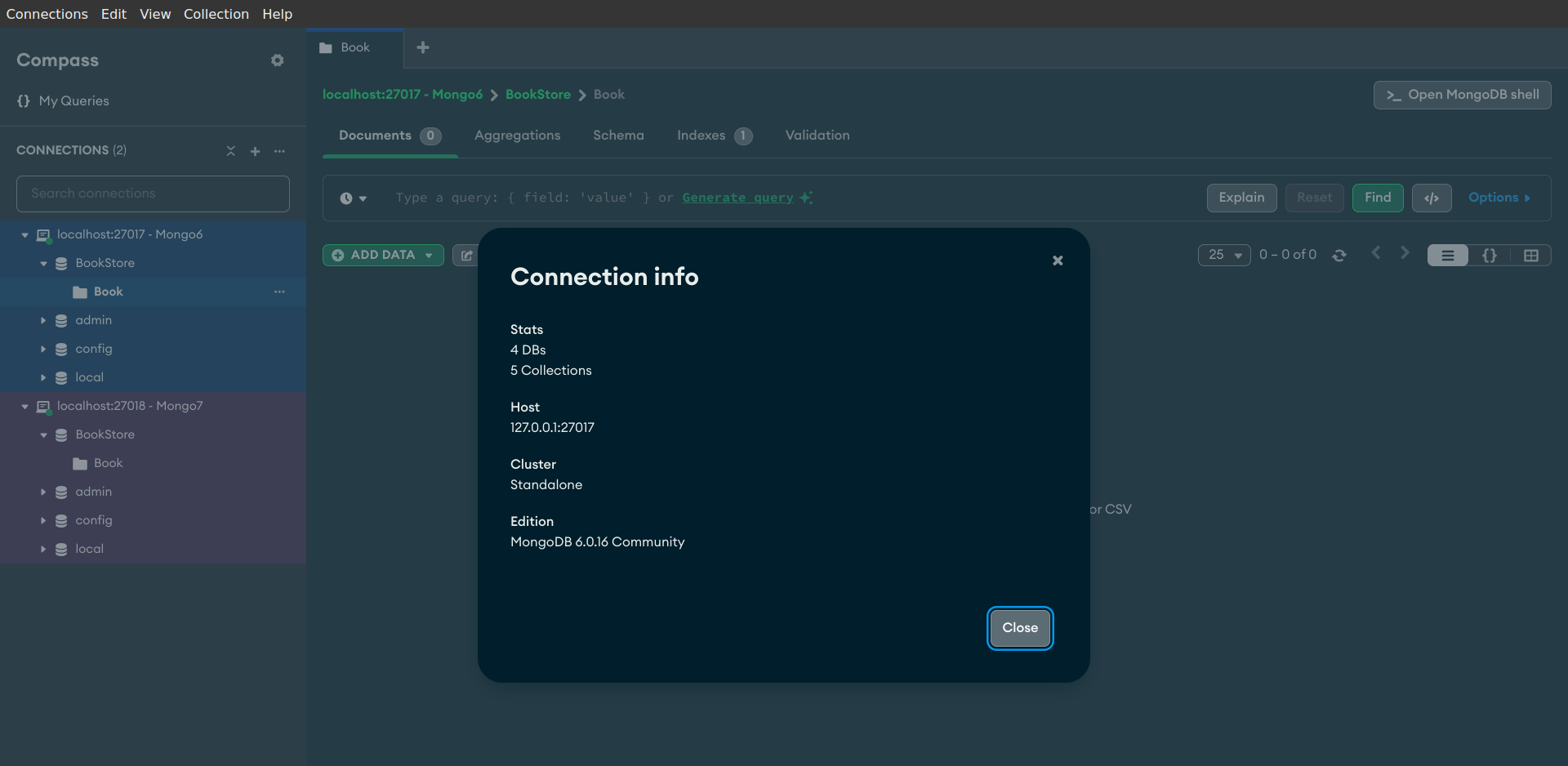
## About UBI

UBIs are part of Red Hat’s container offerings, based on the same codebase used for Red Hat Enterprise Linux (RHEL). What makes them particularly appealing is that they are freely redistributable without a Red Hat subscription, providing a secure and stable starting point for building containerized applications.

## Mongo DB Compass

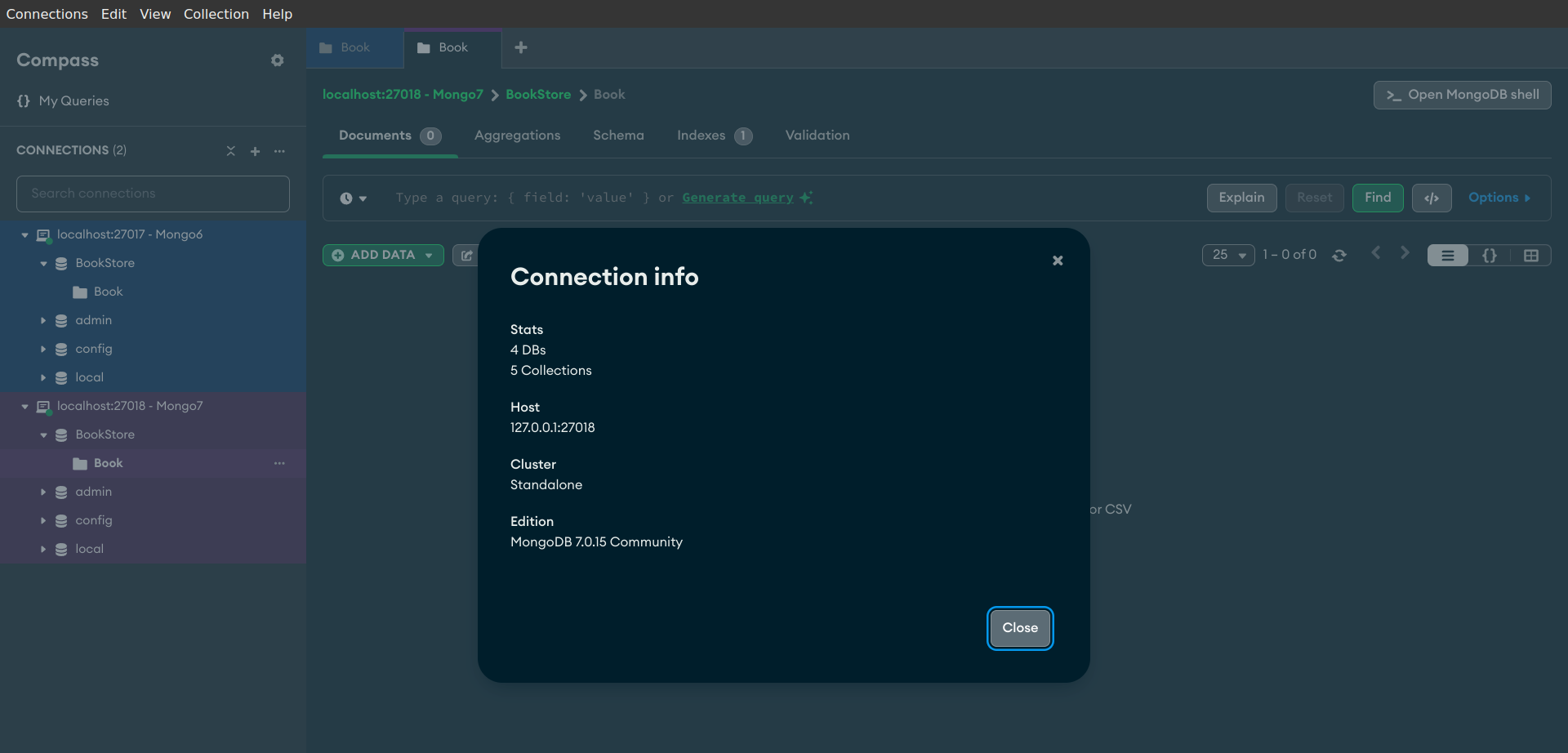
### Mongo 6

Connection String - mongodb://admin:password@127.0.0.1:27017/



### Mongo 7

Connection String - mongodb://admin:password@127.0.0.1:27018/



## Spring Mongo Setup

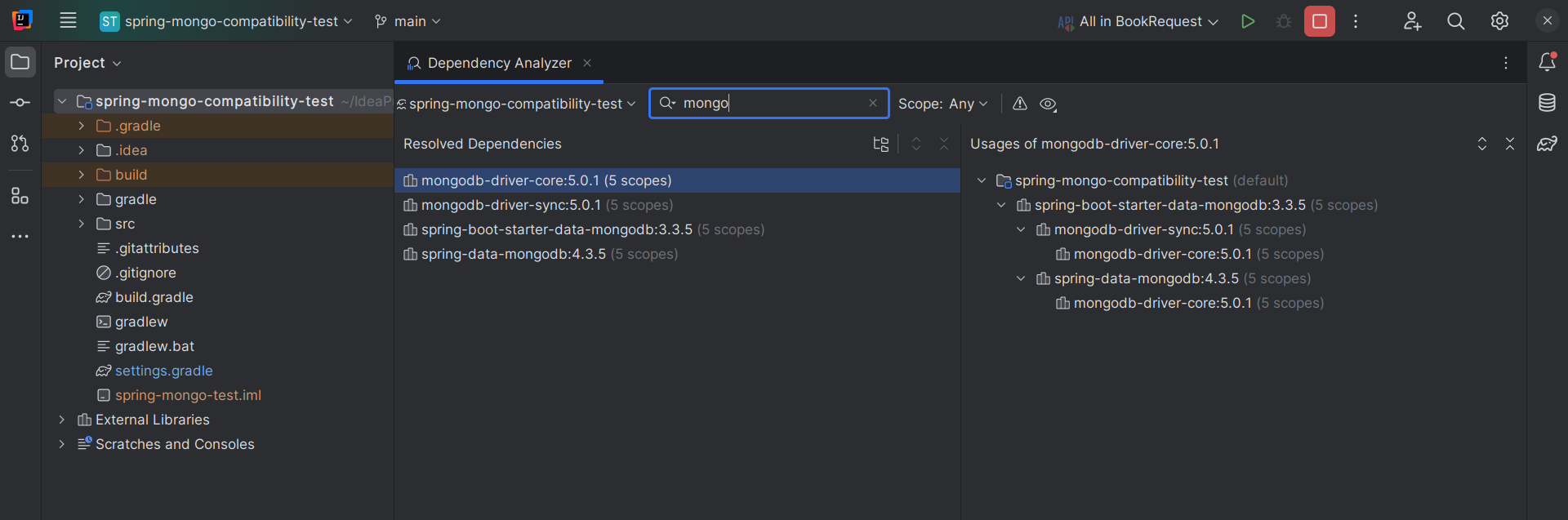
**build.gradle**

id 'org.springframework.boot' version '3.3.5'  
id 'io.spring.dependency-management' version '1.1.6'

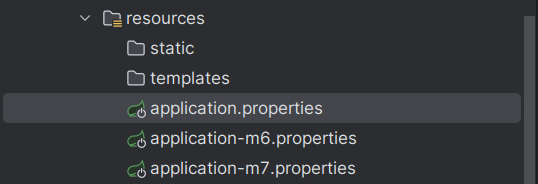
Java 17

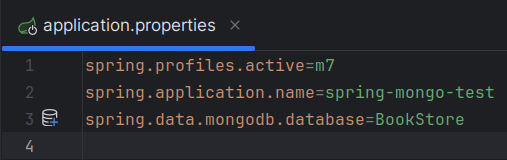
dependencies **{** implementation 'org.springframework.boot:spring-boot-starter-data-mongodb'  
 implementation 'org.springframework.boot:spring-boot-starter-web'  
 compileOnly 'org.projectlombok:lombok'  
 developmentOnly 'org.springframework.boot:spring-boot-devtools'  
 annotationProcessor 'org.projectlombok:lombok'  
 testImplementation 'org.springframework.boot:spring-boot-starter-test'  
 testRuntimeOnly 'org.junit.platform:junit-platform-launcher'  
**}**

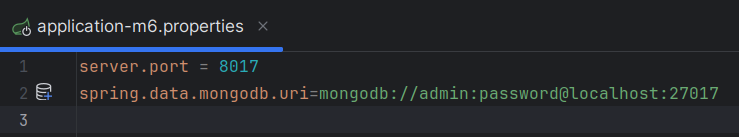
### Dependency Analyzer

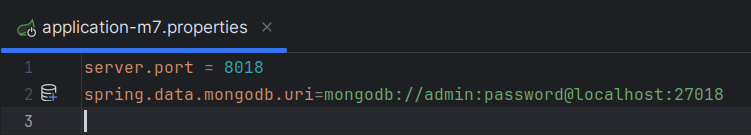


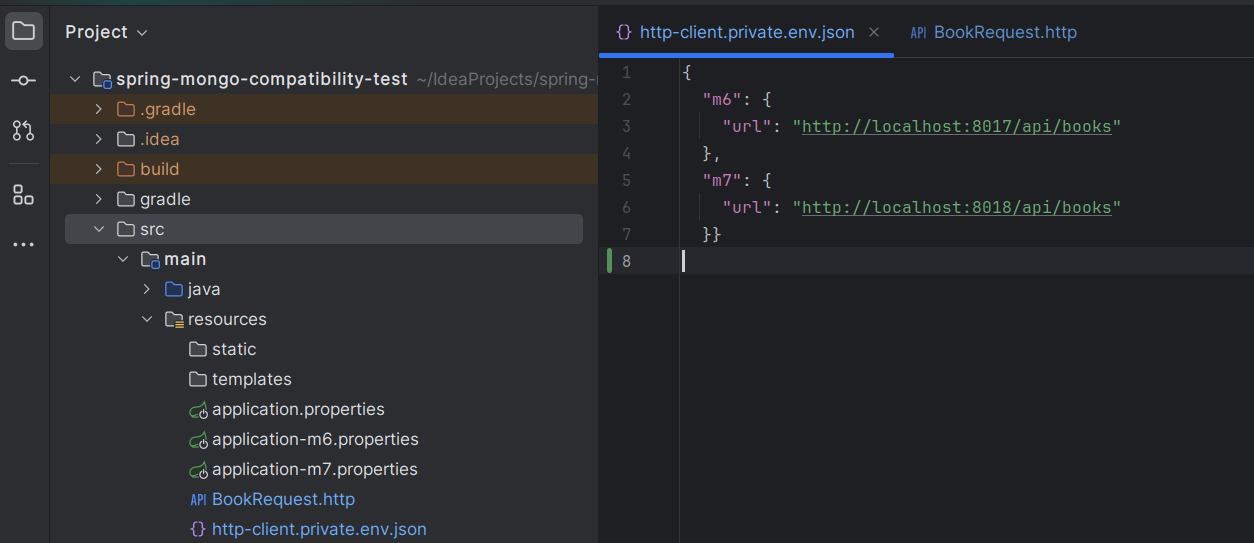
Two profiles (m6 & m7) for switching mongo properties

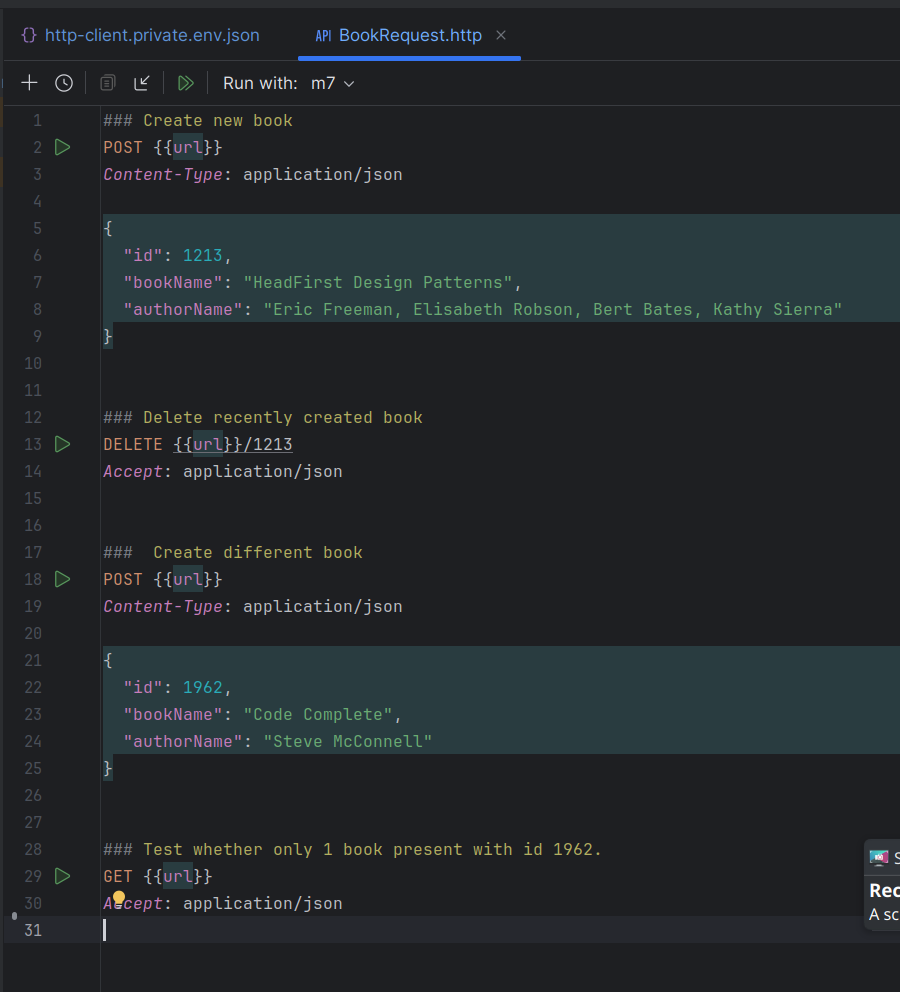








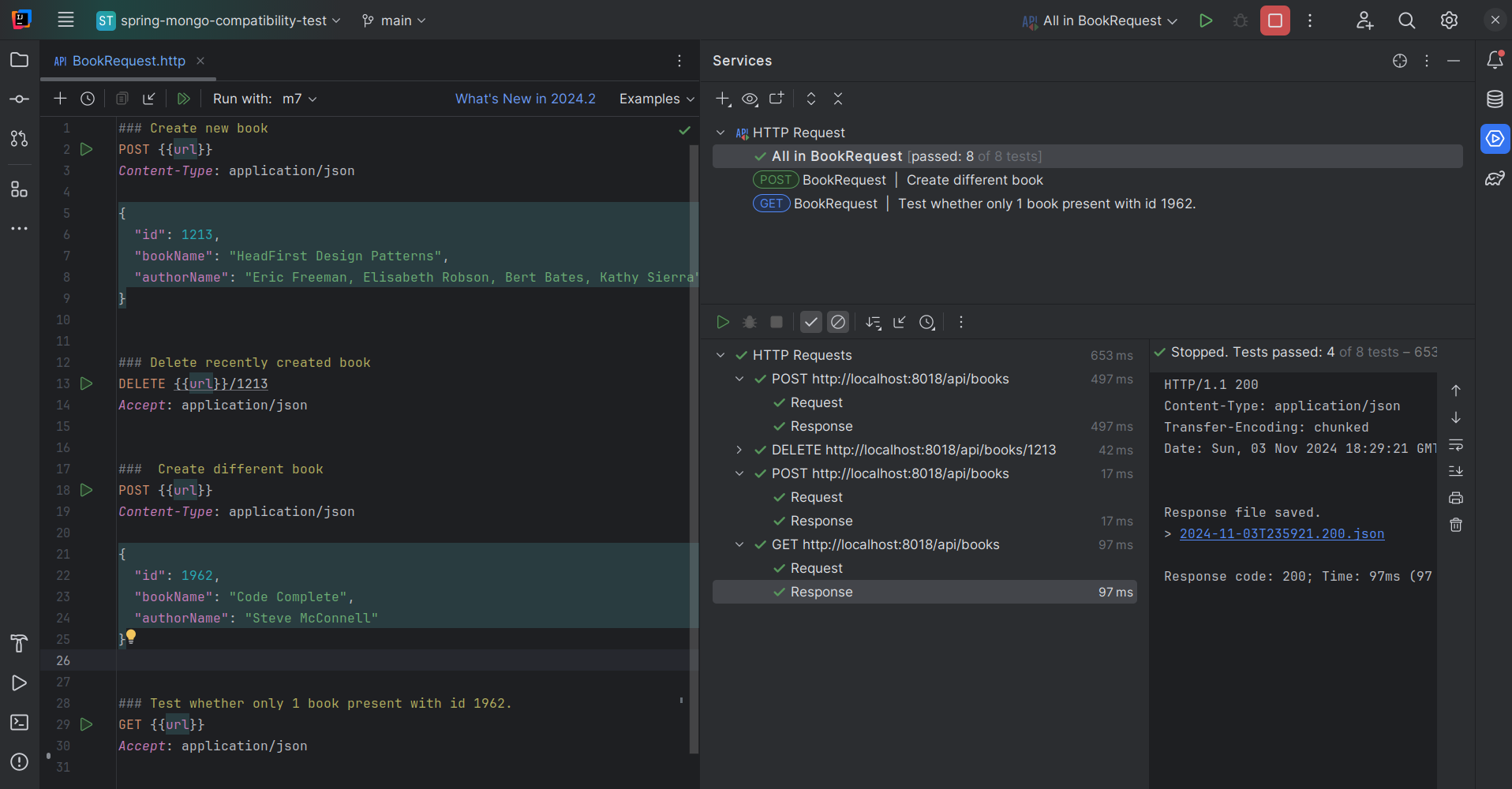




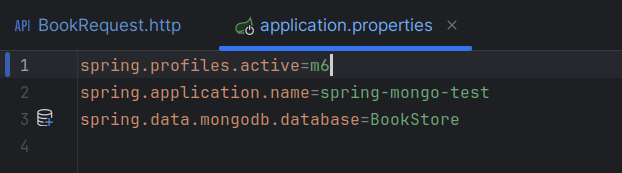
Running & Testing

With M7

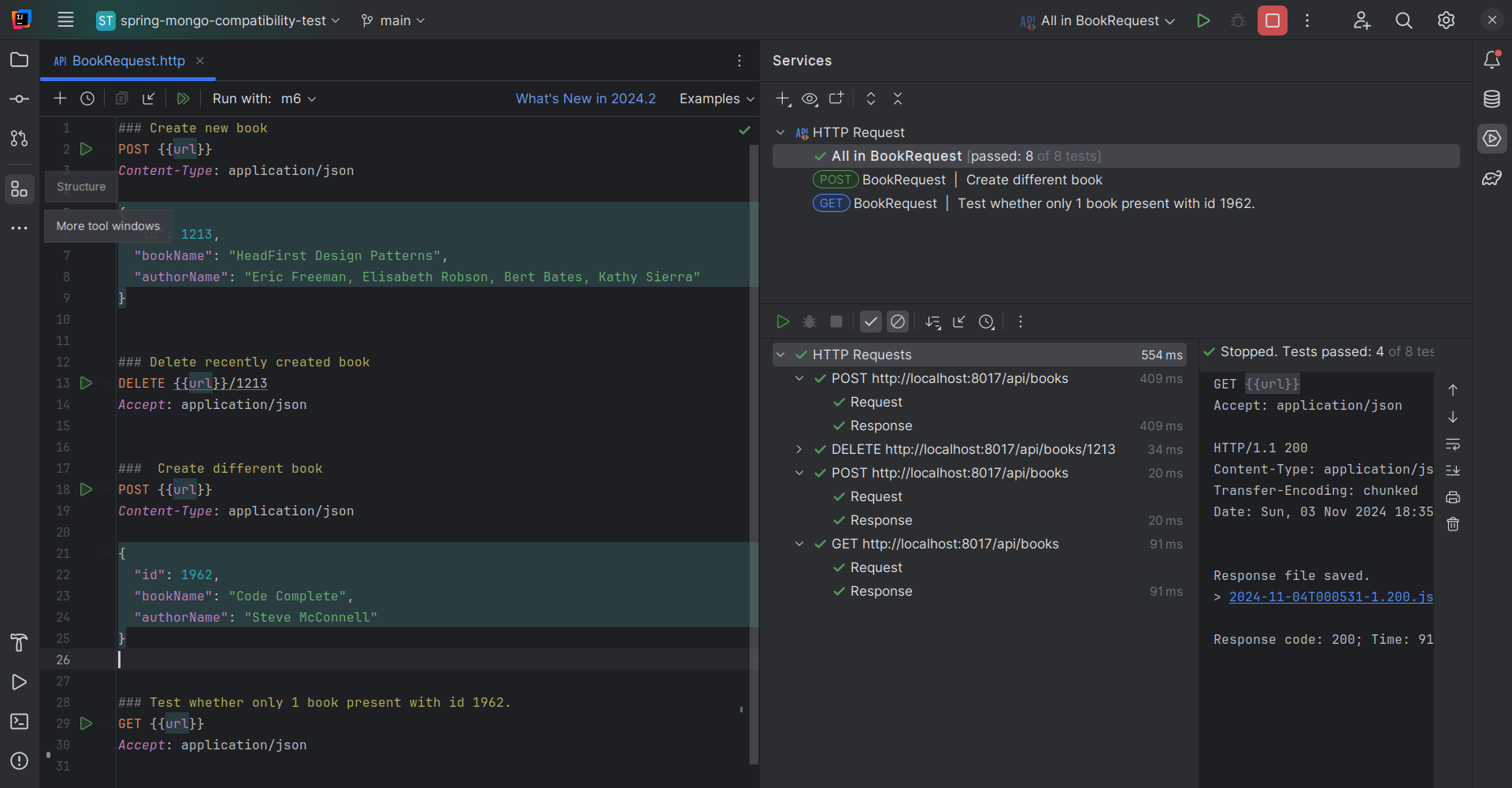




With M6







### All Dependencies Copied for reference

* spring-mongo-compatibility-test
* org.junit.platform:junit-platform-launcher:1.10.5
* org.projectlombok:lombok:1.18.34
* org.springframework.boot:spring-boot-devtools:3.3.5
* org.springframework.boot:spring-boot-autoconfigure:3.3.5
* org.springframework.boot:spring-boot:3.3.5
* org.springframework.boot:spring-boot:3.3.5
* org.springframework:spring-context:6.1.14
* io.micrometer:micrometer-observation:1.13.6
* io.micrometer:micrometer-commons:1.13.6
* org.springframework:spring-aop:6.1.14
* org.springframework:spring-beans:6.1.14
* org.springframework:spring-core:6.1.14
* org.springframework:spring-core:6.1.14
* org.springframework:spring-beans:6.1.14
* org.springframework:spring-core:6.1.14
* org.springframework:spring-expression:6.1.14
* org.springframework:spring-core:6.1.14
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* org.springframework:spring-jcl:6.1.14
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* org.mongodb:mongodb-driver-sync:5.0.1
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* org.mongodb:mongodb-driver-core:5.0.1
* org.mongodb:bson-record-codec:5.0.1
* org.mongodb:bson:5.0.1
* org.mongodb:bson:5.0.1
* org.springframework.boot:spring-boot-starter:3.3.5
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