

SPRING INITIALIZR bootstrap your application now

Generate a

Maven Project

with Spring Boot

1.5.2

Project Metadata

Artifact coordinates

Group

com.testme

Artifact

demo

Name

demo

Description

Demo project for Spring Boot

Package Name

com.testme

Packaging

War

Java Version

1.8

Language

Java

Dependencies

Add Spring Boot Starters and dependencies to your application

Search for dependencies

Web, Security, JPA, Actuator, Devtools...

Selected Dependencies

Too many options? Switch back to the simple version.

Generate Project alt + ⌘

Core

☐ Security

Secure your application via spring-security

☐ AOP

Aspect-oriented programming including spring-aop and AspectJ

☐ Atomikos (JTA)

JTA distributed transactions via Atomikos

- ☐ Bitronix (JTA)
JTA distributed transactions via Bitronix
- ☐ Narayana (JTA)
JTA distributed transactions via Narayana
- ☐ Cache
Spring's Cache abstraction
- ☐ DevTools
Spring Boot Development Tools
- ☐ Configuration Processor
Generate metadata for your custom configuration keys
- ☐ Validation
JSR-303 validation infrastructure (already included with web)
- ☐ Session
API and implementations for managing a user's session information
- ☐ Retry
Provide declarative retry support via spring-retry
- ☐ Lombok
Java annotation library which helps to reduce boilerplate code and code faster

Web

- ☐ Web
Full-stack web development with Tomcat and Spring MVC
- ☐ Reactive Web
Reactive web development with Netty and Spring WebFlux
requires Spring Boot >=2.0.0.BUILD-SNAPSHOT
- ☐ Websocket
Websocket development with SockJS and STOMP
- ☐ Web Services
Contract-first SOAP service development with Spring Web Services
- ☐ Jersey (JAX-RS)
RESTful Web Services framework
- ☐ Ratpack
Spring Boot integration for the Ratpack framework
- ☐ Vaadin
Vaadin java web application framework
- ☐ Rest Repositories
Exposing Spring Data repositories over REST via spring-data-rest-webmvc
- ☐ HATEOAS
HATEOAS-based RESTful services
- ☐ Rest Repositories HAL Browser
Browsing Spring Data REST repositories in your browser
- ☐ Mobile
Simplify the development of mobile web applications with spring-mobile
- ☐ REST Docs
Document RESTful services by combining hand-written and auto-generated documentation
- ☐ Stormpath
Stormpath default starter including Spring MVC, Thymeleaf and Spring Security

Template Engines

- ☐ Freemarker
FreeMarker templating engine

- ☐ Velocity
Velocity templating engine
requires Spring Boot >=1.1.6.RELEASE and <1.4.0.M2
- ☐ Groovy Templates
Groovy templating engine
- ☐ Thymeleaf
Thymeleaf templating engine, including integration with Spring
- ☐ Mustache
Mustache templating engine

SQL

- ☐ JPA
Java Persistence API including spring-data-jpa, spring-orm and Hibernate
- ☐ JOOQ
Persistence support using Java Object Oriented Querying
- ☐ MyBatis
Persistence support using MyBatis
- ☐ JDBC
JDBC databases
- ☐ H2
H2 database (with embedded support)
- ☐ HSQLDB
HSQLDB database (with embedded support)
- ☐ Apache Derby
Apache Derby database (with embedded support)
- ☐ MySQL
MySQL jdbc driver
- ☐ PostgreSQL
PostgreSQL jdbc driver
- ☐ SQL Server
Microsoft SQL Server jdbc driver
- ☐ Flyway
Flyway Database Migrations library
- ☐ Liquibase
Liquibase Database Migrations library

NoSQL

- ☐ MongoDB
MongoDB NoSQL Database, including spring-data-mongodb
- ☐ Reactive MongoDB
MongoDB NoSQL Database, including spring-data-mongodb and the reactive driver
- ☐ Cassandra
Cassandra NoSQL Database, including spring-data-cassandra
- ☐ Couchbase
Couchbase NoSQL database, including spring-data-couchbase
- ☐ Neo4j
Neo4j NoSQL graph database, including spring-data-neo4j
- ☐ Redis
REDIS key-value data store, including spring-redis
- ☐ Gemfire
GemFire distributed data store including spring-data-gemfire
- ☐ Solr
Apache Solr search platform, including spring-data-solr

- ☐ Elasticsearch
Elasticsearch search and analytics engine including spring-data-elasticsearch

Cloud Core

- ☐ Cloud Connectors
Simplifies connecting to services in cloud platforms, including spring-cloud-connector and spring-cloud-cloudfoundry-connector
- ☐ Cloud Bootstrap
spring-cloud-context (e.g. Bootstrap context and @RefreshScope)
- ☐ Cloud Security
Secure load balancing and routing with spring-cloud-security
- ☐ Cloud OAuth2
OAuth2 and distributed application patterns with spring-cloud-security
- ☐ Cloud Task
Task result tracking along with integration with batch and streams

Cloud Config

- ☐ Config Client
spring-cloud-config Client
- ☐ Config Server
Central management for configuration via a git or svn backend
- ☐ Zookeeper Configuration
Configuration management with Zookeeper and spring-cloud-zookeeper-config
- ☐ Consul Configuration
Configuration management with Hashicorp Consul

Cloud Discovery

- ☐ Eureka Discovery
Service discovery using spring-cloud-netflix and Eureka
- ☐ Eureka Server
spring-cloud-netflix Eureka Server
- ☐ Zookeeper Discovery
Service discovery with Zookeeper and spring-cloud-zookeeper-discovery
- ☐ Cloud Foundry Discovery
Service discovery with Cloud Foundry
- ☐ Consul Discovery
Service discovery with Hashicorp Consul

Cloud Routing

- ☐ Zuul
Intelligent and programmable routing with spring-cloud-netflix Zuul
- ☐ Ribbon
Client side load balancing with spring-cloud-netflix and Ribbon
- ☐ Feign
Declarative REST clients with spring-cloud-netflix Feign

Cloud Circuit Breaker

- ☐ Hystrix
Circuit breaker with spring-cloud-netflix Hystrix
- ☐ Hystrix Dashboard
Circuit breaker dashboard with spring-cloud-netflix Hystrix
- ☐ Turbine
Circuit breaker metric aggregation using spring-cloud-netflix with Turbine and server-sent events

☐ Turbine Stream

Circuit breaker metric aggregation using spring-cloud-netflix with Turbine and Spring Cloud Stream (choose a specific Stream binder implementation to complement this)

Cloud Tracing

☐ Sleuth

Distributed tracing via logs with spring-cloud-sleuth

☐ Zipkin Client

Distributed tracing with an existing Zipkin installation and spring-cloud-sleuth-zipkin. Alternatively, consider Sleuth Stream.

☐ Sleuth Stream

Marshals Spring Cloud Sleuth Spans over a Spring Cloud Stream binder

☐ Zipkin Stream

Consumes span data in messages from Spring Cloud Sleuth Stream and writes them to a Zipkin store

☐ Zipkin UI

add the Zipkin UI module to the Zipkin server to get a Zipkin service that accepts Spans and provides visualization

Cloud Messaging

☐ Cloud Bus AMQP

A simple control bus with AMQP and spring-cloud-bus-amqp

☐ Cloud Bus Kafka

A simple control bus with Kafka and spring-cloud-bus

☐ Stream Rabbit

Messaging microservices with RabbitMQ

☐ Stream Kafka

Messaging microservices with Kafka

Cloud AWS

☐ AWS Core

AWS native services from spring-cloud-aws

☐ AWS JDBC

Relational databases on AWS with RDS and spring-cloud-aws-jdbc

☐ AWS Messaging

Messaging on AWS with SQS and spring-cloud-aws-messaging

Cloud Data Flow

☐ Local Data Flow Server

Local Data Flow Server implementation

☐ Data Flow Shell

Data Flow Shell

Cloud Cluster

☐ Cluster Redis

Leadership election and global state with Redis and spring-cloud-cluster-redis

☐ Cluster Zookeeper

Leadership election and global state with Zookeeper and spring-cloud-cluster-zookeeper

☐ Cluster Hazelcast

Leadership election and global state with Hazelcast and spring-cloud-cluster-hazelcast

☐ Cluster Etcd

Leadership election and global state with Etcd and spring-cloud-cluster-etcd

Cloud Contract

☐ Cloud Contract Verifier

Test dependencies required for autogenerated tests