



**Nakopnite
webové
aplikácie!**

@RoboNovotny

*Eastcode
Sessions*

JavaScript

Java

Python

PHP

.NET

Ruby

web?

web?

JavaScript

Python

Java

.NET

PHP

Ruby

Spring

Java EE

java

1. Java + XML

2. build tool

3. WAR

3. application server

backend

SPRING

**THAT IS A SEASON I HAVE
NOT SEEN IN A LONG WHILE**



spring

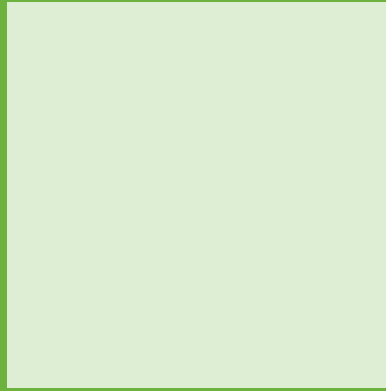
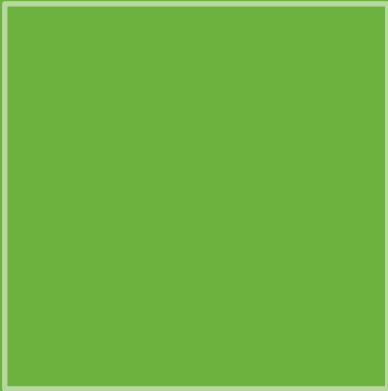
by Pivotal™

dependency
injection

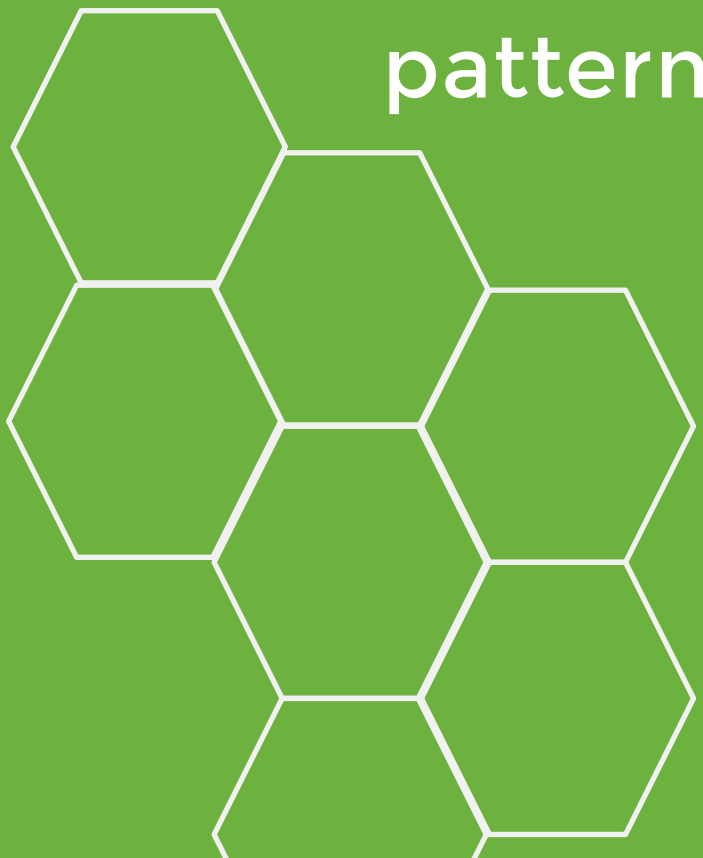


Spring

IoC container



Spring



patterns

Spring

...makes it easy to
create stand-alone,
production-grade
Spring based
Applications that
you can "just run"

Spring Boot



```
curl https://start.spring.io/install.sh | sh
```



```
@RestController  
class Hello {  
    @RequestMapping("/")  
    String home() {  
        "Hello World!"  
    }  
}
```



```
@RestController
class Hello {
    @RequestMapping("/")
    String home() {
        "Hello World!"
    }
}
```

```
spring run app.groovy
```



Maven

Spring

Tomcat

Groovy

```
spring run app.groovy
```



`spring init -x`



<http://start.spring.io/>



```
spring init -d=web,actuator,hsqldb,jpa -x
```



library versions BOM

Spring Starter POM

Opinionated



actuator amqp aop batch cloud-
connectors elasticsearch facebook
freemarker gemfire groovy-
templates hateoas hornetq
integration jdbc jersey jetty jpa jta-
atomikos jta-bitronix linkedin log4j
log4j2 logging mail mobile
mongodb mustache redis remote-
shell rest security solr test
thymeleaf tomcat twitter undertow
validation velocity web websocket
ws

demo



```
spring.datasource.url=jdbc:mysql://localhost/test
```

```
spring.datasource.username=dbuser
```

```
spring.datasource.password=dbpass
```

```
pom.xml > jdbc-starter + mysql-jdbc
```

```
application.properties
```



/health

/metrics

/trace

actuator

demo

