

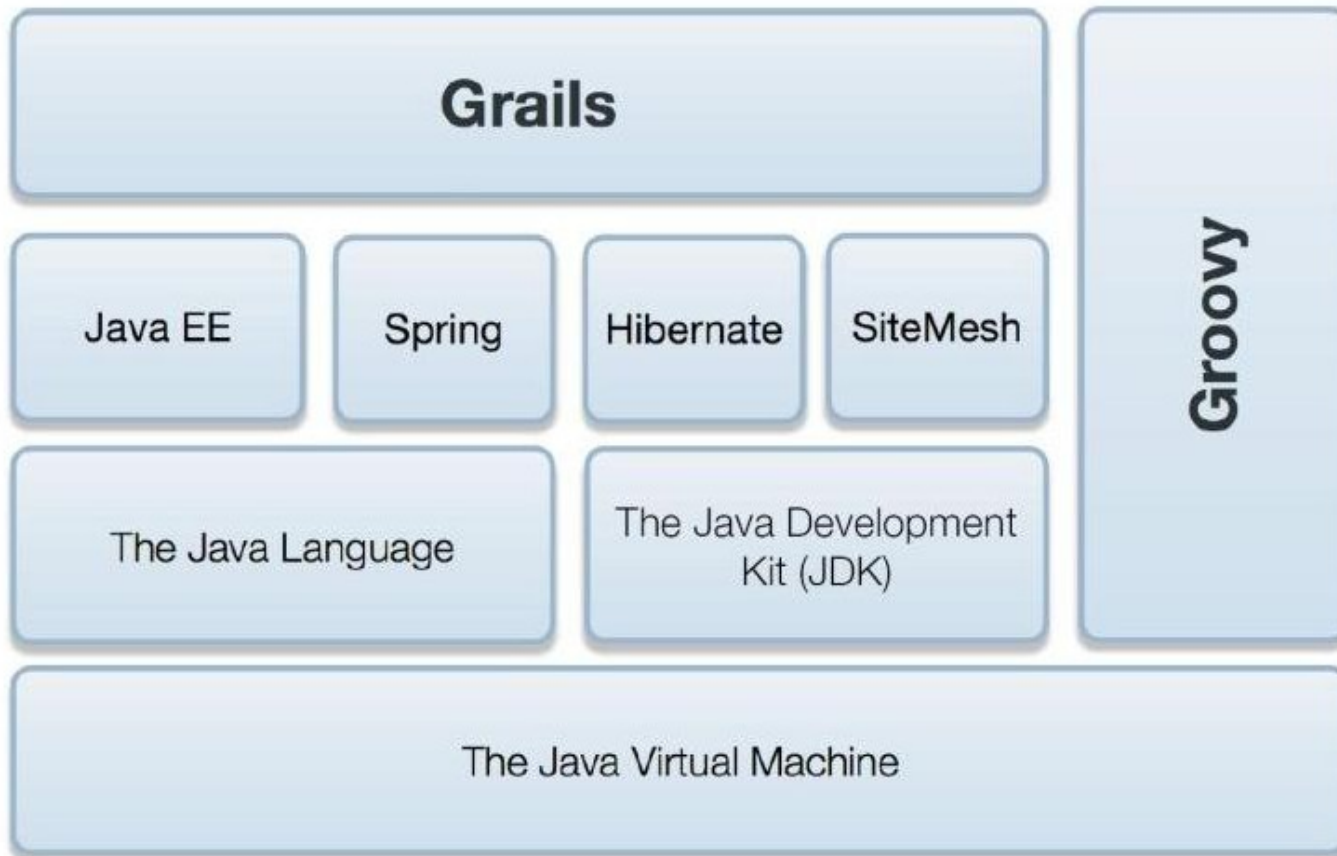
Grails pro Java expert

Václav Pech

Senior Software Developer
JetBrains, Inc.



Technologie



Pluginy

- Testování
 - Canoo, Cobertura, Selenium, jsUnit
- AJAX
 - DWR, GWT, Echo 2, Flex, YUI, ...
- Web services
 - XFire, XML-RPC, Ajax2, Java Remoting
 - Scheduling, Security, Encryption
 - JMS
 - Text search
 - **Wicket**
 - ...

Sky.com



- Sky Movies
 - Sky TV
 - Sky1 Channel Site
 - Sky Showbiz
-
- over 110 million hits per month
 - run on a cluster of web layer machines
 - 2 db machines

Build skripty

- grails create-app
- grails create-domain-class
- grails create-controller
- grails test-app
- grails run-app
- grails war
- ...

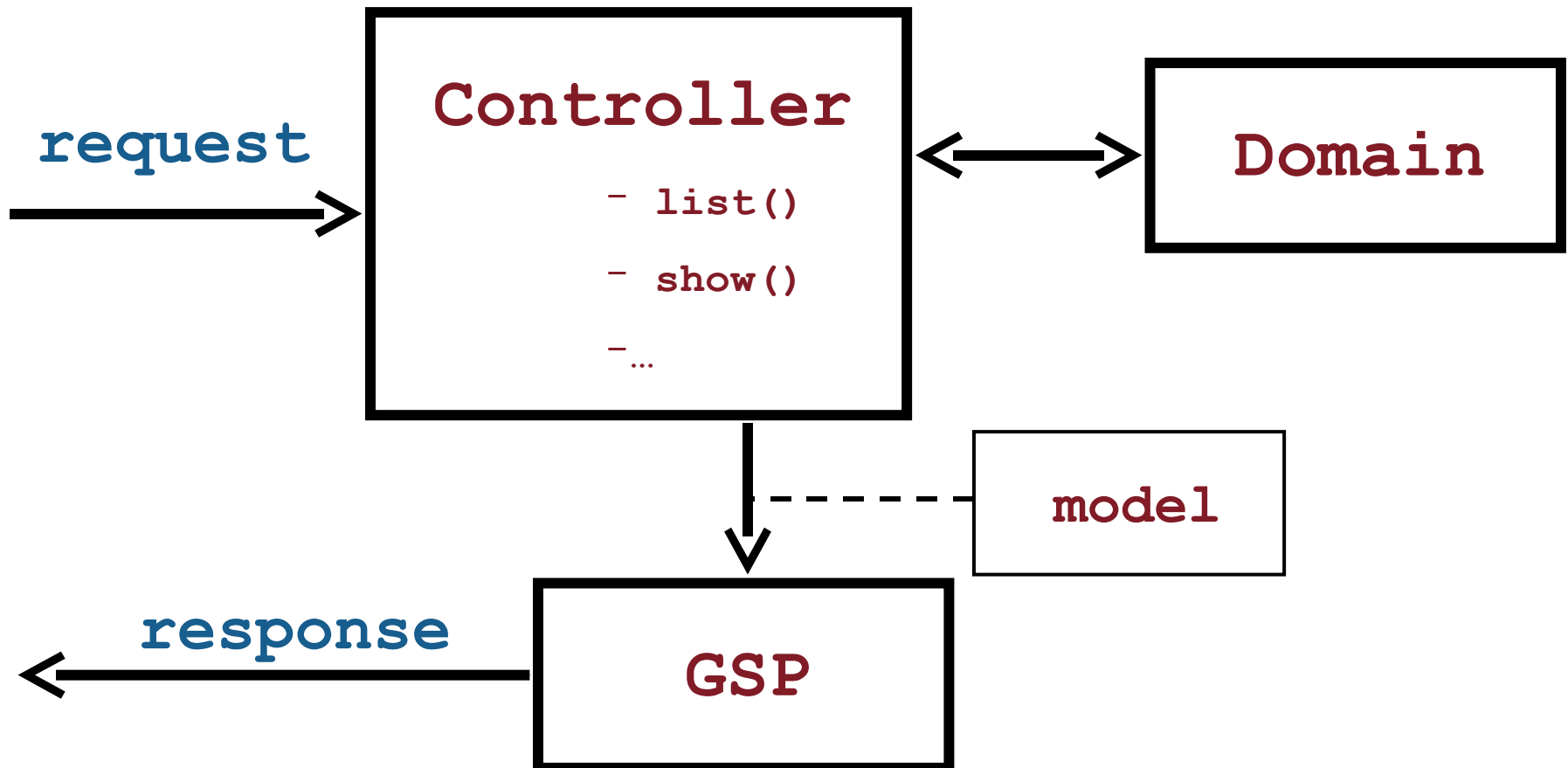
Configuration by Exception

- Convention over Configuration
- Default Is What You Expect

Scaffolding

- Dynamický
- Statický

Model View Controller



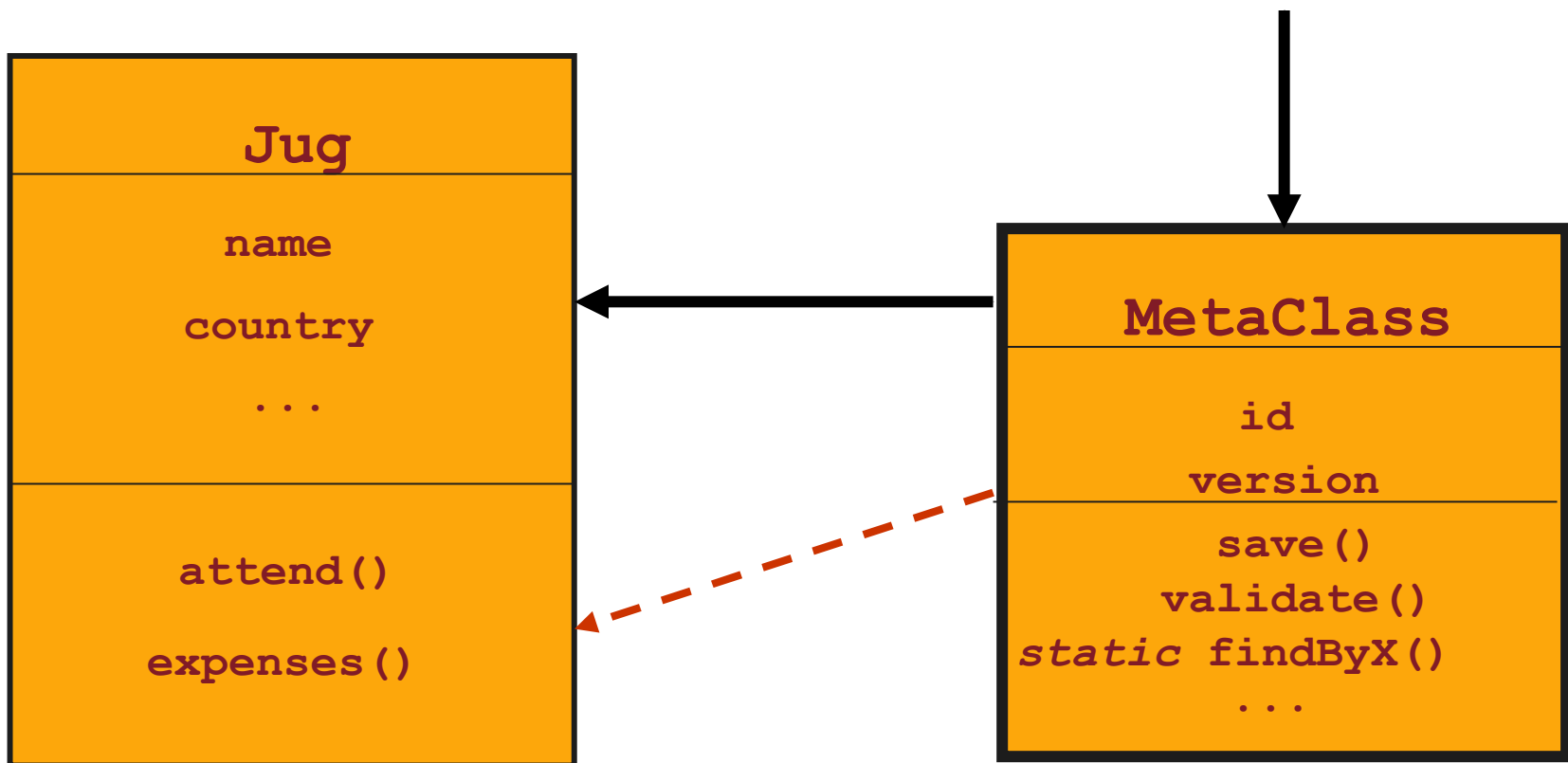
Don't Repeat Yourself

- inList : ['blue', 'red', 'yellow', 'green']
- url : true
- email : true
- ...

Doménově specifické jazyky

Automatizované testování

Doménové objekty



GORM

Participant.list()

Jug.listOrderByCountry()

Participant.count()

Jug.countByCountry('cz')

Account.findByOwnerLike('Joe Sm%')

User.findAllByAgeLessThanAndName(18, 'Joe')

Book.findByReleaseDateBetween(now - 5, now)

Hibernate criteria

```
def geeks = Participant.createCriteria().list {  
    jug { ilike('country', 'cz') }  
    or {  
        ['Java', 'Groovy', 'Python'].each {lang ->  
            eq('interest', lang)  
        }  
    }  
    order('name', 'asc')  
}
```



Shrnutí

- MVC, DSL, GORM, Scaffolding
 - Buildovací scripty
 - Configuration by Exception
 - Don't Repeat Yourself
 - Automatizované testování
- +
- Prověřené Javovské technologie

vaclav@jetbrains.com

A large, thick, yellow question mark graphic that is the central focus of the slide. The word 'Otázky' is written in blue text across the middle of the question mark.

Otázky