



Pivotal®

# Finishing Up

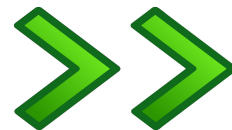
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What's Next

# What's Next



- Congratulations, we've finished the course
- What to do next?
  - Certification
  - Other courses
  - Resources
  - Evaluation
- Check-out optional sections on JMS and JMX



# Certification



- Computer-based exam
  - 50 multiple-choice questions
  - 90 minutes
  - Passing score: 76% (38 questions answered successfully)
- Preparation
  - Download *Spring Professional* certification guide
    - There may be slight differences between guide and course
  - Review all the slides
  - Redo the labs

- Sample question
  - Statements
    - a. An application context holds Spring beans
    - b. An application context manages bean scope
    - c. Spring provides many types of application context
  - Pick the correct response:
    - 1. Only a. is correct
    - 2. Both a. and c. are correct
    - 3. All are correct
    - 4. None are correct

# Certification: Logistics

Voucher is  
valid for 3 months  
– *use it or lose it!*

- Where?
  - Online at PSI (Innovative Exams)
    - <https://www.examslocal.com>
- How?
  - After class completion, you should receive an exam voucher by email from Pivotal
  - Register/sign-in and book an exam using the voucher
    - <http://it.psionline.com/exam-faqs/pivotal-faq>
  - Take the test from *any* location
- For more information, email
  - [education@pivotal.io](mailto:education@pivotal.io)

## Other courses

- Many courses available
  - Spring Cloud Developer
  - RabbitMQ Training
  - Pivotal Cloud Foundry Developer
  - Pivotal Cloud Foundry Operator
  - Greenplum, Gemfire, ...
- See <https://pivotal.io/training>



# Spring Cloud Developer (2 days)



- Course topics:
  - What are Microservices?
    - Architecting a microservices solution
  - Cloud infrastructure services and Netflix OSS
    - Service Configuration
    - Service Registration
    - Load-balancing and fault tolerance
    - Circuit Breakers
    - Distributed Trace

# RabbitMQ Training



- Course topics:
  - Introduction to Messaging, AMQP and RabbitMQ
  - Installing RabbitMQ
  - Developing with RabbitMQ
    - Publishing and consuming messages
      - Routing, exchanges, queues
    - Using Spring AMQP
    - Common messaging patterns
  - Configuration features
    - Clustering, high availability, plugins
  - Performance and Security





# Pivotal Cloud Foundry Developer



CLOUDFOUNDRY

- 3 day course covering
  - Application deployment to Cloud Foundry
    - Deployment using *cf* tool or an IDE
    - Using the PCF Application Manager
  - Cloud Foundry Concepts
    - Logging, Continuous Integration, Monitoring
    - Accessing and defining Services
    - Using and customizing Buildpacks
  - Design considerations: “12 Factor”
    - JVM application specifics, using Spring Cloud

# Pivotal Cloud Foundry Operator



CLOUDFOUNDRY

- 4 day course covering
  - Application deployment to Cloud Foundry
    - Logging, scaling, services
  - “Day 1 Operations”
    - Installation of PCF Ops Manager and Elastic Runtime
    - Configuring users, roles, and quotas
    - Capturing and reading logs
  - “Day 2 Operations”
    - Backing up and restoring an installation
    - Using BOSH
    - Upgrading Ops Manager and tiles.

- Premium and Developer support offerings:
  - <http://www.pivotal.io/support/offerings>
  - <http://www.pivotal.io/support/oss>
  - Both Pivotal App Suite *and* Open Source products
- Support Portal: <https://support.pivotal.io>
  - Community forums, Knowledge Base, Product documents



# Pivotal Consulting

- Custom consulting engagement?
  - Contact us to arrange it
    - <http://www.pivotal.io/contact/spring-support>
    - Even if you don't have a support contract!
- Pivotal Labs
  - Agile development experts
  - Mentoring: design, development and product management
    - <http://www.pivotal.io/agile>
    - <http://pivotallabs.com>



- The Spring reference documentation
  - <http://spring.io/docs>
  - <http://projects.spring.io/spring-boot>
  - <http://projects.spring.io/spring-data>
  - <http://projects.spring.io/spring-security>
  - <http://projects.spring.io/spring-cloud>
- The official technical blog
  - <http://spring.io/blog>
- Stack Overflow – Active Spring Forums
  - <http://stackoverflow.com>

## Resources (2)



- You can register issues on our Jira repository
  - <https://jira.spring.io>
- The source code is available here
  - <https://github.com/spring-projects/spring-framework>

# Thank You!



- We hope you enjoyed the course
- Please fill out the *evaluation form*
- You can download your Attendance Certificate from the Pivotal LMS ([courses.education.pivotal.io](https://courses.education.pivotal.io))

*Don't forget the optional sections*