

Referências

Introdução

- 1. LARMAN, Craig. Protected variation: The importance of being closed. In: *IEEE Software*, v. 18, p. 89-91. 2001.
- 2. FOWLER, Martin. *Patterns of Enterprise Application Architecture*. Boston: Addison-Wesley, 2003.
- 3. FOWLER, Martin. Who needs an architect? In: IEEE Software, v. 20. 2003.
- 4. EDEN, Amnon H.; KAZMAN, Rick. Architecture, design, implementation. In: 25th International Conference on Software Engineering ICSE, 2003.
- 5. Defining Software architecture. Pittsburgh: Carnegie Mellon University, 2009.
- 6. SPOLSKY, Joel. *Language wars*. 2006. Disponível em: http://www.joelonsoftware.com/items/2006/09/01.html?everything_old_is_new_again.
- 7. FOWLER, Martin. *Is Design Dead?* 2004. Disponível em: http://www.martinfowler.com/articles/designDead.html>.
- 8. SPOLSKY, Joel. *Don't let architecture astronauts scare you*. 2001. Disponível em: http://www.joelonsoftware.com/articles/fog0000000018.html>.
- 9. LARMAN, Craig; VODDE, Bas Design & Architecture. In: ______. Practices for Scaling Lean and Agile Development. Addison-Wesley Professional, 2010.

Capítulo 1

- 1. ORACLE CORPORATION. *The History of Java Technology*. Disponível em: http://www.oracle.com/technetwork/java/javase/overview/javahistory-index-198355.html.
- 2. MULLER, Hans. *Official: Swing is the dominant GUI toolkit*. 2005. Disponível em: http://weblogs.java.net/blog/hansmuller/archive/2005/10/official_swing.html>.
- 3. LINDHOLM, Tim; YELLIN, Frank. *The Java™ Virtual Machine Specification*. 2. ed. Prentice Hall, 1999.
- 4. GOSLING, James; JOY, Bill; STEELE, Guy; BRACHA, Gilad. *The Java*™ *Language Specification*. 3. ed. Addison-Wesley, 2005.

Referências ELSEVIER



- 6. TOLKSDORF, Robert. *Programming languages for the Java Virtual Machine JVM and JavaScript*. Disponível em: http://www.is-research.de/info/vmlanguages/>.
- 7. WILLISON, Simon . *A re-introduction to JavaScript*. 2006. Disponível em: https://developer.mozilla.org/en/a_re-introduction_to_javascript.
- 8. VINOSKI, Steve. *Welcome to "The Functional Web"*. 2009. Disponível em: http://steve.vinoski.net/pdf/IC-Welcome_to_the_Functional_Web.pdf>.
- 9. SILVEIRA, Paulo. *Trabalhando com closures no Java 8*. 2011. Disponível em: http://blog.caelum.com.br/trabalhando-com-closures-no-java-8

CAPÍTULO 2

- 1. ZORN, Benjamin. The measured cost of conservative garbage collection. In: *Software Practice and Experience*, v. 23(7), p. 733-756. 1993.
- 2. PREISS, Bruno R. *Mark-and-sweep Garbage Collection*. Disponível em: http://www.brpreiss.com/books/opus5/html/page424.html>.
- 3. LIEBERMAN, Henry; HEWITT, Carl. A Real-Time Garbage Collector Based on the Lifetimes of Objects. In: *Communications of the ACM*, v. 26. 1983.
- 4. SUN MICROSYSTEMS. *Memory Management in the Java HotSpot™ Virtual Machine*. 2006. Disponível em: http://java.sun.com/j2se/reference/whitepapers/memorymanagement_whitepaper.pdf>.
- 5. PRINTEZIS, Tony. Garbage Collection in the Java HotSpot™ Virtual Machine
- (*Generational Algorithm*). 2004. Disponível em: http://www.devx.com/Java/Article/21977>.
- 6. SUN MICROSYSTEMS. "Java SE 6 Java HotSpot™ Virtual Machine Garbage Collection Tuning. Disponível em: http://www.oracle.com/technetwork/java/javase/gc-tuning-6-140523.html>.
- 7. MASAMITSU, Jon. *Our collectors (Sun)*. Disponível em: http://blogs.sun.com/jonthecollector/entry/our_collectors.
- 8. SUN MICROSYSTEMS. *The Garbage-First Garbage Collector* . Disponível em: http://www.oracle.com/technetwork/java/javase/tech/g1-intro-jsp-135488. html>.







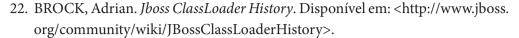
- 9. ORACLE CORPORATION. *Tuning the Memory Management System*. Disponível em: http://download.oracle.com/docs/cd/E13150_01/jrockit_jvm/jrockit/geninfo/diagnos/memman.html.
- 10. TENE, Gil. *Azul's Pauseless Garbage Collector*. 2010. Disponível em: http://www.artima.com/lejava/articles/azul_pauseless_gc.html>.
- 11. ORACLE CORPORATION. *Javadoc do system.gc()*. Disponível em: http://docs/api/java/lang/System.html#gc().
- 12. DARCY, Joseph. *Project Coin: Updated ARM Spec.* 2010. Disponível em: http://blogs.sun.com/darcy/entry/project_coin_updated_arm_spec.
- 13. PRINTEZIS, Tony. *How to Handle Java Finalization's Memory-Retention Issues*. 2007. Disponível em: http://java.sun.com/developer/technicalArticles/javase/finalization.
- 14. ORACLE CORPORATION. *Javadoc do java.lang.ref*. Disponível em: http://docs/api/java/lang/ref/package-summary.html>.
- 15. ORACLE CORPORATION. *Frequently Asked Questions About the Java HotSpot VM*. Disponível em: http://www.oracle.com/technetwork/java/hotspotfaq-138619.html#compiler_types.
- 16. ORACLE CORPORATION. *Ergonomics in the 5.0 Java™ Virtual Machine*. Disponível em: http://java.sun.com/docs/hotspot/gc5.0/ergo5.html.
- 17. CHUNG, Mandy. *Monitoring and Managing Java SE 6 Platform Application*. 2006. Disponível em: http://java.sun.com/developer/technicalArticles/J2SE/monitoring/.
- 18. LINDHOLM, Tim; YELLIN, Frank. *The Java Virtual Machine Specification: Loading, Linking, and Initializing*. Disponível em: http://java.sun.com/docs/books/jvms/second_edition/html/ConstantPool.doc.html>.
- 19. JBOSS DOCUMENTATION. *ClassCastExceptions I'm Not Your Type*. Disponível em: http://docs.jboss.org/jbossas/docs/Server_Configuration_Guide/4/html/Class_Loading_and_Types_in_Java-ClassCastExceptions___Im_Not_Your_Type.html.
- 20. SUN MICROSYSTEMS. *JAXP Compatibility Guide for the J2SE 5 Platform*. Disponível em: http://download.oracle.com/javase/1.5.0/docs/guide/xml/jaxp/JAXP-Compatibility_150.html.
- 21. SILVEIRA, Paulo. *Java 6, as APIs de XML, Webservices e classloaders.* 2007. Disponívelem:http://blog.caelum.com.br/java-6-as-apis-de-xml-webservices-e-classloaders.







Referências ELSEVIER



- 23. LECOMTE, Julien. *Yahoo UI Compressor and Java Class Loader*. Disponível em: http://www.julienlecomte.net/blog/2008/10/80/>.
- 24. ALVESTAD, Magnus. *Memory leaks where the classloader cannot be garbage collected*. Disponível em: http://victor-jan.blogspot.com/2010/05/memory-leaks-where-classloader-cannot.html9.
- 25. SZEGEDI, Attila. *A day in the life of a memory leak hunter*. 2005. Disponível em: http://www.szegedi.org/articles/memleak.html.

CAPÍTULO 3

- 1. MARTIN, Robert C. *The Interface Segregation Principle*. 1996. Disponível em: http://www.objectmentor.com/resources/articles/isp.pdf>.
- 2. MARTIN, Robert C. *Stability*. 1997. Disponível em: http://www.objectmentor.com/resources/articles/stability.pdf.
- 3. VENNERS, Bill. *Design Principles from Design Patterns A Conversation with Erich Gamma, Part III.* 2005. Disponível em: http://www.artima.com/lejava/articles/designprinciples.html.
- 4. BLOCH, Joshua. Effective Java. 2 ed. Nova Jersey: Addison-Wesley, 2008.
- 5. FOWLER, Martin. *Refactoring: Improving the Design of Existing Code.* Massachusetts: Addison-Wesley, 1999.
- 6. GAMMA, Erich; HELM, Richard; JOHNSON, Ralph; VLISSIDES, John M. *Design Patterns: elements of reusable object-oriented software.* Massachusetts: Addison-Wesley, 1994.
- 7. MARTIN, Robert C. *The Dependency Inversion Principle*. 1996. Disponível em: http://www.objectmentor.com/resources/articles/dip.pdf>.
- 8. VENNERS, Bill. *Inheritance* versus *composition: Which one should you choose?* 1998. Disponível em: http://www.javaworld.com/javaworld/jw-11-1998/jw-11-techniques.html.
- 9. HERMAN, Eric. *Composition* vs. *Inheritance in Java*. Disponível em: http://www.tiedyedfreaks.org/eric/CompositionVsInheritance.html>.
- 10. SUMPTION, Bernie. *Inheritance is evil, and must be destroyed.* 2007. Disponível em: http://www.berniecode.com/writing/inheritance/>.









- 11. MARTIN, Robert C. *The Liskov Substitution Principle*. 1996. Disponível em: <www.objectmentor.com/resources/articles/lsp.pdf>.
- 12. SILVEIRA, Guilherme. *Compondo seu comportamento: herança*, chain of responsability *e* interceptors. 2010. Disponível em: http://blog.caelum.com.br/compondo-seu-comportamento-heranca-chain-of-responsibility-e-interceptors.
- 13. MARTIN, Robert C. *The open-closed principle*. 1996. Disponível em: http://www.objectmentor.com/resources/articles/ocp.pdf>.
- 14. GOETZ, Brian. *Java theory and practice: To mutate or not to mutate?* 2003. Disponível em: http://www.ibm.com/developerworks/java/library/j-jtp02183. html>.
- 15. BLANDY, Joe; BLOCH, Joshua. *Why doesn't Java have an immutable date class?* 2003. Disponível em: http://discuss.fogcreek.com/joelonsoftware3/default.asp?cmd=show&ixPost=73959
- 16. ORACLE CORPORATION. *Javadoc do método valueof(int) da classe integer*. Disponível em: http://download.oracle.com/javase/7/docs/api/java/lang/Integer.html#valueOf(int)>.
- 17. SUN MICROSYSTEMS. *Código fonte da classe string*. Disponível em: http://hg.openjdk.java.net/jdk6/jdk6/jdk/file/536cbf2d9d0e/src/share/classes/java/lang/String.java.
- 18. FOWLER, Martin. *Fluent interface*. 2005. Disponível em: http://martinfowler.com/bliki/FluentInterface.html.
- 19. BOOCH, Grady. *Object-oriented analysis and design with applications*. Nova Jersey: Addison-Wesley Professional, 1993.
- 20. HOLUB, Allen. *Why getter and setter methods are evil.* 2003. Disponível em: http://www.javaworld.com/javaworld/jw-09-2003/jw-0905-toolbox.html>.
- 21. SHARP, Alec. *Smalltalk by example: the developer's guide.* New York: McGraw Hill, 1997.
- 22. FOWLER, Martin. *Anemic domain model*. 2003. Disponível em: http://martinfowler.com/bliki/AnemicDomainModel.html>.
- 23. CALÇADO, Phillip. *Objetos fantoches*. Disponível em: http://fragmental.com.br/wiki/index.php?title=Fantoches.
- 24. COMPUTERWORLD. *A to Z of Programming Languages: Smalltalk-80.* 2010. Disponível em: http://www.computerworld.com.au/article/352182/







Referências ELSEVIER

25. FOWLER, Martin. *GetterEradication*. 2006. Disponível em: http://martin.fowler.com/bliki/GetterEradicator.html>.

- 26. EVANS, Eric. *Domain-driven design: Tackling complexity in the heart of software*. Boston: Addison-Wesley, 2003.
- 27. CALÇADO, Phillip. *How to write a repository*. 2010. Disponível em: http://fragmental.tw/2010/12/23/how-to-write-a-repository.
- 28. FOWLER, Martin. *Domain-Specific Language*. Disponível em: http://martinfowler.com/bliki/DomainSpecificLanguage.html>.
- 29. FOWLER, Martin. *BusinessReadableDSL*. 2008. Disponível em: http://martinfowler.com/bliki/BusinessReadableDSL.html.

CAPÍTULO 4

- 1. MARTIN, Robert C. *Design principles and design patterns*. 2000. Disponível em: http://www.objectmentor.com/resources/articles/Principles_and_Patterns.pdf>.
- 2. FOWLER, Martin. *UML Distilled: a brief guide to the standard object modeling language*. Boston: Addison-Wesley, 2003.
- 3. MARTIN, Robert C. *The Single Responsibility Principle*. 1995. Disponível em: http://www.objectmentor.com/resources/articles/srp.pdf>.
- 4. DIJKSTRA, Edsger W. *On the role of scientific thought*. 1974. Disponível em: http://userweb.cs.utexas.edu/users/EWD/transcriptions/EWD04xx/EWD447.html.
- 5. LARMAN, Craig. Applying UML and Patterns: an introduction to object-oriented analysis and design and iterative development. 3. ed. Nova Jersey: Prentice Hall PTR, 2004.
- 6. NORTH, Dan; HELLESOY, Aslak. *PicoContainer Design Patterns*. Disponível em: http://www.picocontainer.org/patterns.html>.
- 7. MARTIN, Robert C. OO Design Quality Metrics An Analysis Of Dependencies. 1994. Disponível em: http://www.objectmentor.com/resources/articles/oodmetrc.pdf.
- 8. HAMMANT, Paul. *Inversion of control history*. Disponível em: http://www.picocontainer.org/inversion-of-control-history.html>.
- 9. SWEET, Richard E. The Mesa Programming Environment. In: *Proceedings* of the ACM SIGPLAN 85 symposium on Language issues in programming environments. Nova York: ACM, 1985. p. 216-229.







- 10. O'BRIEN, Larry. *Design patterns 15 years later: An interview with Erich Gamma, Richard Helm, and Ralph Johnson.* 2009. Disponível em: http://www.informit.com/articles/article.aspx?p=1404056>.
- 11. MARTIN, Robert C. Dependency Injection Inversion. Disponível em: http://blog.objectmentor.com/articles/2010/01/17/dependency-injection-inversion.
- 12. PRYCE, Nat. "Dependency injection" Considered Harmful. 2011. Disponível em: http://www.natpryce.com/articles/000783.html>.
- 13. BONÉR, Jonas. *Real-world Scala: Dependency Injection (DI)*. Disponível em: http://jonasboner.com/2008/10/06/real-world-scala-dependency-injection-di.html>.
- 14. KUNG, Fabio. *Ruby and Dependency Injection in a Dynamic World*. Disponível em: http://fabiokung.com/2010/05/06/ruby-and-dependency-injection-in-a-dynamic-world/.
- 15. PICOCONTAINER. *PicoContainer site*. Disponível em: http://www.picocontainer.org/>.
- 16. FOWLER, Martin. *Inversion of Control Containers and the Dependency Injection Pattern*. Disponível em: http://martinfowler.com/articles/injection.html.
- 17. LADDAD, Ramnivas. *AspectJ in action: Enterprise AOP with Spring Applications*. 2. ed. Connecticut: Manning, 2009.

Capítulo 5

- 1. MYERS, Glenford. *The Art of Software Testing*, 2. ed. Nova Jersey: John Wiley & Sons, 2004.
- 2. MARTIN, Robert. *Railsconf 2010 Keynote Cucumber Scripts and Testing Business Rules Through the UI.* 2010 (38 min). Disponível em: http://www.youtube.com/watch?v=mslMLp5bQD0, 2010>.
- 3. NORTH, Dan; HELLESOY, Aslak. *PicoContainer Design Patterns*. Disponível em: http://www.picocontainer.org/patterns.html>.
- 4. FREEMAN, Steve; PRYCE, Nat. *Growing object-oriented software, guided by tests.* Nova Jersey: Addison-Wesley Professional, 2009.
- 5. GAMMA, Erich; HELM, Richard; JOHNSON, Ralph; VLISSIDES, John M. *Design Patterns: elements of reusable object-oriented software.* Massachusetts: Addison-Wesley, 1994.





Referências **ELSEVIER**

6. BECK, Kent. Test-driven development: by example. Boston: Addison-Wesley, 2002.

- 7. AMBLER, Scott. Introduction to Test Driven Design (TDD). 2003. Disponível em: http://www.agiledata.org/essays/tdd.html.
- 8. FOWLER, Martin. Anemic Domain Model. Disponível em: http:// martinfowler.com/bliki/AnemicDomainModel.html>.
- 9. CALCADO, Phillip. How to write a repository. 2010. Disponível em: http:// fragmental.tw/2010/12/23/how-to-write-a-repository>.
- 10. MARTIN, Robert C. Agile Software Development: Principles, Patterns, and Practices. Nova Jersey: Prentice Hall, 2002.
- 11. FEATHERS, Michael. The Deep Synergy Between Testability and Good Design. 2007 (50:49 min). Disponível em: http://www.vimeo.com/15007792.
- 12. SHORE, James. *The Art of Agile Development*. Califórnia: O'Reilly Media, 2007.
- 13. SILVEIRA, Guilherme. Branches e integração contínua: o problema de feature branches. 2011. Disponível em: http://blog.caelum.com.br/branches-e- integracao-continua-o-problema-de-feature-branches>.
- 14. SILVEIRA, Guilherme. Martin Fowler and Jez Humble on Continuous Delivery. 2011. Disponível em: http://www.infoq.com/interviews/jez-humble-martin- fowler-cd>.
- 15. BOTTCH, Evan. Continuous Integration Single Code Line. 2010. Disponível em: http://evan.bottch.com/2010/05/27/continuous-integration-single-code-line>.
- 16. HUMBLE, Jez; FARLEY, David. Continuous delivery: reliable software releases through build, test, and deployment automation. Nova Jersey: Addison-Wesley, 2010.
- 17. SILVEIRA, Guilherme. Deploy contínuo: pois integração contínua não basta. 2010. Disponível em: http://www.infoq.com/br/presentations/deploy- continuo-guilherme>.
- 18. TOMCAT WEBSITE. Tomcat manager how to. Disponível em: http://tomcat. apache.org/tomcat-7.0-doc/manager-howto.html>.
- 19. PANT, Rajiv. Organizing a Web Technology Department. 2009. Disponível em: http://www.rajiv.com/blog/2009/03/17/technology-department.
- 20. FOWLER, Martin. Blue Green Deployment. 2010. Disponível em: http:// martinfowler.com/bliki/BlueGreenDeployment.html>.









Capítulo 6

- 1. FOWLER, Martin. *Patterns of Enterprise Application Architecture*. Boston: Addison-Wesley, 2002. p. 103.
- 2. HAYDEN, David. *Web applications: N-Tier vs. N-Layer.* 2005. Disponível em: http://davidhayden.com/blog/dave/archive/2005/07/22/2401.aspx.
- 3. JAIN, Pranshu. *Layers and Tiers*. 2006. Disponível em: http://pranshujain.wordpress.com/2006/09/15/layers-and-tiers.
- 4. FOWLER, Martin. *Errant architectures*. 2003. Disponível em: http://www.drdobbs.com/184414966>.
- 5. AVRAM, Abel. *Practicing Agility in Application Architecture*. 2008. Disponível em: http://www.infoq.com/news/2008/11/Agile-Architecture.
- 6. FOWLER, Martin. *First Law of Distributed Object Design*. Disponível em: http://martinfowler.com/bliki/FirstLaw.html>.
- 7. GOOGLE PAGE SPEED. *Web Performance Best Practices*. Disponível em: http://code.google.com/speed/page-speed/docs/rules_intro.html>.
- 8. DRISCOLL, Jim. *Servlet history*. 2005. Disponível em: http://weblogs.java.net/blog/driscoll/archive/2005/12/servlet_history_1.html>.
- 9. BURBECK, Steve. Applications Programming in Smalltalk-80™: How to use Model-View-Controller (MVC). 1987. Disponível em: http://st-www.cs.illinois.edu/users/smarch/st-docs/mvc.html.
- 10. ALUR, Deepak; MALKS, Dan; CRUPI, John. *Core J2EE Patterns: Best Practices and Design Strategies*. 2. ed. Nova Jersey: Prentice Hall PTR, 2003.
- 11. SUN MICROSYSTEMS. *Core J2EE Patterns Front Controller*. Disponível em: http://java.sun.com/blueprints/corej2eepatterns/Patterns/FrontController.html>.
- 12. FORD, Neal. *Evolutionary architecture and emergent design: Evolutionary Architecture.* 2010. Disponível em: http://www.ibm.com/developerworks/java/library/j-eaed10/index.html>.
- 13. BROWN, Don. *My History of Struts* 2. 2006. Disponível em: http://www.oreillynet.com/onjava/blog/2006/10/my_history_of_struts_2.html>.
- 14. JAVA BLUEPRINTS. *Model-View-Controller*. 2000. Disponível em: http://www.oracle.com/technetwork/java/mvc-detailed-136062.html>.
- 15. HILLENIUS, Eelco. Wicket is not suited for websites. 2011. Disponível em:







- http://www.jtict.com/blog/wicket-isnt-suited-for-websites>.
- 16. PENCHIKALA, Srini. *JDBC 4.0 Enhancements in Java SE 6*. 2006. Disponível em: http://onjava.com/pub/a/onjava/2006/08/02/jjdbc-4-enhancements-injava-se-6.html.
- 17. SILVEIRA, Paulo. *A java.net.SocketException Broken Pipe*. 2009. Disponível em: http://blog.caelum.com.br/a-java-net-socketexception-broken-pipe>.
- 18. BARCIA, Roland. *Tired of hand coding JDBC? Use iBatis as a data mapping framework instead.* 2005. Disponível em: http://www.ibm.com/developerworks/websphere/techjournal/0510_col_barcia/0510_col_barcia.html.
- 19. AMBLER, Scott. *The Object-Relational Impedance Mismatch*. Disponível em: http://www.agiledata.org/essays/impedanceMismatch.html.
- 20. SILVEIRA, Paulo. *JPA com Hibernate: herança e mapeamentos*. 2007. Disponível em: http://blog.caelum.com.br/jpa-com-hibernate-heranca-e-mapeamentos.
- 21. GNANAM, Simson. *How inheritance works in Hibernate*. 2008. Disponível em: http://simsonlive.wordpress.com/2008/03/09/how-inheritance-works-inhibernate.
- 22. PATRICIO, Anthony. *A Short Primer on Fetching Strategies*. 2010. Disponível em: http://community.jboss.org/wiki/AShortPrimerOnFetchingStrategies>.
- 23. SILVEIRA, Paulo. *Enfrentando a LazyInitializationException no Hibernate*. 2009. Disponível em: http://blog.caelum.com.br/enfrentando-a-lazyinitializationexception-no-hibernate.
- 24. PARTINGTON, Vincent. *JPA Implementation Patterns: Data Access Objects*. 2009. Disponível em: http://blog.xebia.com/2009/03/09/jpa-implementation-patterns-data-access-objects.
- 25. SILVEIRA, Paulo. *GUJ: Acesso ao EntityManager: através de um DAO ou diretamente?* 2009. Disponível em: http://www.guj.com.br/posts/list/133946. java>.
- 26. PARTINGTON, Vincent. *JPA Implementation Patterns: Service Facades and Data Transfers Objects*. 2009. Disponível em: http://blog.xebia.com/2009/05/11/jpa-implementation-patterns-service-facades-and-data-transfers-objects.
- 27. SUN MICROSYSTEMS. Java Persistence Blueprints. 2007. Disponível em:









- https://blueprints.dev.java.net/bpcatalog/ee5/persistence>.
- 28. DEMICHIEL, Linda. *Java Persistence 2.0 Proposed Final Draft*. 2009. Disponível em: http://blogs.sun.com/ldemichiel/entry/java_persistence_2_0_proposed>.
- 29. Silveira, Paulo. *Os 7 hábitos dos desenvolvedores Hibernate e JPA altamente eficazes*. 2008. Disponível em: http://blog.caelum.com.br/os-7-habitos-dos-desenvolvedores-hibernate-e-jpa-altamente-eficazes.
- 30. JBOSS HIBERNATE. *Configuração do C3P0 no Hibernate*. Disponível em: https://www.hibernate.org/214.html>.
- 31. EHCACHE WEBSITE. *Hibernate Caching*. Disponível em: http://ehcache.org/documentation/hibernate.html.
- 32. JBOSS HIBERNATE. *Query Cache*. 2009. Disponível em: http://community.jboss.org/wiki/QueryCache.
- 33. HOFF, Todd. *Strategy: Break Up the Memcache Dog Pile*. 2009. http://highscalability.com/strategy-break-memcache-dog-pile.
- 34. SCHMIDT, Douglas C.; HARRISON, Tim. *Double-Checked Locking: An Optimization Pattern for Efficiently Initializing and Accessing Thread-safe Objects*. 1996. Disponível em: http://www.cs.wustl.edu/~schmidt/PDF/DC-Locking.pdf>.
- 35. BLOCH, Joshua. Concurrency. In: _____. *Effective Java*. 2. ed. Nova Jersey: Addison-Wesley, 2008. p. 283.
- 36. GOETZ, Brian. *Java Concurrency in Practice*. Nova Jersey: Addison-Wesley, 2006. p. 348.
- 37. VUONG, Lan. Extreme *Transaction Processing Patterns: Write-Behind Caching*. 2009. Disponível em: http://www.infoq.com/articles/write-behind-caching>.
- 38. ZAMARREÑO, Galder. *Using Infinispan as JPA/Hibernate Second Level Cache Provider*. 2010. Disponível em: https://docs.jboss.org/author/display/ISPN/Using+Infinispan+as+JPA-Hibernate+Second+Level+Cache+Provider.
- 39. JBOSS HIBERNATE. *Batch Processing*. Disponível em: http://docs.jboss.org/hibernate/stable/core/reference/en/html/batch.html.
- 40. JBOSS HIBERNATE. *Improving Performance*. Dispoível em: http://docs.jboss.org/hibernate/stable/core/reference/en/html/performance.html>.
- 41. CALÇADO, Phillip. *Internal Data Transfer Objects*. Disponível em: http://fragmental.tw/2008/12/22/internal-data-transfer-objects.







Referências **ELSEVIER**

42. SUN MICROSYSTEMS. Core J2EE Patterns Session Façade. Disponível em: http://java.sun.com/blueprints/corej2eepatterns/Patterns/SessionFacade.html.

- 43. IBM. DPD Chronology. Disponível em: http://www-03.ibm.com/ibm/history/ exhibits/dpd50/dpd50_chronology2.html>.
- 44. RICHARDS, Mark; MONSON-HAEFEL, Richard; CHAPPELL, David A. Java Message Service. 2. ed. Califórnia: O'Reilly, 2009. p. 11-12.
- 45. Idem, p. 4.
- 46. Idem, p. 87-105.
- 47. Idem, p. 63-86.
- 48. GOTTFRID, Derek. Self-Service, Prorated Supercomputing Fun! 2007. http://open.blogs.nytimes.com/2007/11/01/self-service- em: prorated-super-computing-fun>.
- 49. CARR, Nicholas. The Big Switch: Rewiring the World, from Edison to Google. Nova Iorque: W.W. Norton, 2008.
- 50. MALLYA, Subraya. *Netflix's Moveto Amazon EC2 explained*. 2010. Disponívelem: http://www.prudentcloud.com/cloud-computing-technology/netflixs-move -to-amazon-ec2-explained-20102010>.
- 51. HOFF, Todd. Netflix: Use Less Chatty Protocols in the Cloud Plus 26 fixes. 2010. Disponível em: http://highscalability.com/blog/2010/12/20/netflix- use-less-chatty-protocols-in-the-cloud-plus-26-fixes.html>.
- 52. LOPES, Sérgio. Vivendo no Cloud: a Infraestrutura Externa da Caelum em 11 soluções. 2011. Disponível em: http://blog.caelum.com.br/vivendo-no-clouda-infraestrutura-externa-da-caelum-em-11-solucoes>.
- 53. KALLEN, Nick. Big Data in Real-Time at Twitter. 2010. Disponível em: http:// www.slideshare.net/nkallen/q-con-3770885>.
- 54. SHOUP, Randy. eBays Architectural Principles. 2008. Disponível em: http:// www.slideshare.net/deimos/randy-shoup-ebays-architectural-principles>.
- 55. BROWNE, Julian. Brewer's CAP Theorem. 2009. Disponível em: .
- 56. THARAKAN, Royans K. Brewer's CAP Theorem on Distributed Systems. 2010. Disponível em: http://www.royans.net/arch/brewers-cap-theorem-on- distributed-systems>.
- 57. GOOGLE APP ENGINE WEBSITE. Choosing a Datastore for Google App Engine. Disponível em: http://code.google.com/appengine/docs/java/datastore/hr/.







58. PRITCHETT, Dan. *BASE: An Acid Alternative*. 2008. Disponível em: http://queue.acm.org/detail.cfm?id=1394128>.

CAPÍTULO 7

- 1. SIEGEL, David. *Pull: the power of the Semantic Web to transform your business.* Nova Iorque: Portfolio, 2009.
- 2. ANDREWS, Gregory R. Foundations of Multithreaded, Parallel, and Distributed *Programming*. Massachusetts: Addison-Wesley, 2000.
- 3. TANENBAUM, Andrew S. *Computer networks*. 2. ed. Nova Jersey: Prentice Hall, 1988.
- 4. SOWA, John. *Sowa's Law of Standards*. 1991. Disponível em: http://www.jfsowa.com/computer/standard.htm>.
- 5. RICHARDSON, Leonard. *Justice will take us millions of intricate moves*. 2008. Disponível em: http://www.crummy.com/writing/speaking/2008-QCon/act1.html.
- 6. W3C. Simple Object Access Protocol (SOAP) 1.1. 2000. Disponível em: http://www.w3.org/TR/2000/NOTE-SOAP-20000508.
- 7. INNOQ. *Web Services Standards as of Q1 2007*. Disponível em: http://www.innoq.com/resources/ws-standards-poster/.
- 8. JORDAN, Diane; EVDEMON, John. *Web Services Business Process Execution Language Version 2.0.* 2007. Disponível em: http://docs.oasis-open.org/wsbpel-v2.0.pdf>.
- 9. SNELL, James. *Restful RPC*. 2010. Disponível em: http://www.snellspace.com/wp/2010/05/restful-rpc.
- 10. TILKOV, Stefan. *Devoxx 2010 Enterprise It vs. WWW. 2010.* Disponível em: http://www.devoxx.com/display/Devoxx2K10/Enterprise+IT+vs.+WWW">http://www.devoxx.com/display/Devoxx2K10/Enterprise+IT+vs.+WWW
- 11. THOLOMÉ, Eric. Well Earned Retirement for Soap Search. 2009. Disponível em: http://googlecode.blogspot.com/2009/08/well-earned-retirement-for-soap-search.html.
- 12. TILKOV, Stefan. *Einstieg in REST*. 2010. Disponível em: http://www.heise.de/developer/artikel/Episode-17-Einstieg-in-REST-921652.html.
- 13. *Ws-* is to REST as Theory is to Practice*. 2007. Disponível em: http://www.25 hoursaday.com/weblog/2007/11/15/WSIsToRESTAsTheoryIsToPractice.aspx>.







Referências **ELSEVIER**

14. W3C. SOAP Version 1.2 Part 0: Primer (Second Edition). 2007. Disponível em: http://www.w3.org/TR/2007/REC-soap12-part0-20070427.

- 15. ORCHARD, David. Versioning XML Vocabularies. 2003. Disponível em: http://www.xml.com/pub/a/2003/12/03/versioning.html.
- 16. SINGHAM, Roy et al. The Thoughtworks Anthology: essays on Software Technology and Innovation. Carolina do Norte: Pragmatic Bookshelf, 2008.
- 17. GOOGLE. Protocol buffers. Disponível em: http://code.google.com/apis/ protocolbuffers/docs/overview.html>.
- 18. TILKOV, Stefan et al. SOA Manifesto. 2009. Disponível em: http://www.soa-nation.com/ manifesto.org>.
- 19. HOHPE, Gregor; WOLF, Bobby. Enterprise integration patterns: designing, building, and deploying messaging solutions. Boston: Addison-Wesley, 2003.
- 20. TILKOV, Stefan. *Einstieg in REST*. 2010. Disponível em: http://www.heise.de/ developer/artikel/Episode-17-Einstieg-in-REST-921652.html>.
- 21. TILKOV, Stefan. REST und HTTP: Einsatz der architektur des web für integrationsszenarien. dpunkt Verlag, 2009.
- 22. RICHARDSON, Leonard; RUBY, Sam. RESTful Web Services. Farnham: O'Reilly, 2007.
- 23. FIELDING, Roy. Architectural Styles and the Design of Network Based Software Architectures. 2000. Disponível em: http://www.ics.uci.edu/~fielding/pubs/ dissertation/top.htm>.
- 24. WEBBER, Jim; PARASTATIDIS, Savas; ROBINSON, Ian, REST in practice: *Hypermedia and systems architecture.* O'Reilly Media, 2010.
- 25. ALLAMANJARU, Subbu. RESTful Web Services Cookbook. Califórnia: O'Reilly, 2010.
- NOTTINGHAM, Mark. Caching Tutorial for Web Authors and Webmasters. 1998-2010. Disponível em: http://www.mnot.net/cache_docs/>.
- 27. FOWLER, Martin. Segmentation by Freshness. 2008. Disponível em: http:// martinfowler.com/bliki/SegmentationByFreshness.html>.
- 28. TILKOV, Stefan; HADLEY, Marc; SANDOZ, Paul. JSR 311 Final: Java API for RESTful Web Services. 2008. Disponível em: http://www.infog.com/ news/2008/09/jsr311-approved>
- 29. CHINNICI, Roberto; POTOCIAR, Marek. JAX-RS 2.0: The java API for RESTful Web Services. 2011. Disponível em: http://jcp.org/en/jsr/detail?id=339.



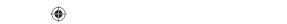






- 30. GREGORIO, J. et al. *URI Template*. 2010. Disponível em: httml/draft-gregorio-uritemplate-04.
- 31. ALLAMANJARU, Subbu. *RESTful URIs*. 2010. Disponível em: http://www.subbu.org/blog/2008/07/restful-uris.
- 32. NELSON, T. H. Complex Information Processing: a File Structure for the Complex, the Changing and the Indeterminate. In: *ACM '65 Proceedings of the 1965 20th national conference*. Nova Iorque: ACM, 1965.
- 33. PARASTATIDIS, Savas et al. The Role of Hypermedia in Distributed System Development. In: WS-REST '10 Proceedings of the First International Workshop on RESTful Design. Nova Iorque: ACM, 2010.
- 34. ROBINSON, Ian. *Using Typed Links to Forms*. 2010. Disponível em: http://iansrobinson.com/2010/09/02/using-typed-links-to-forms.
- 35. AMUNDSEN, Mike. *Designing a Hypermedia API with JSON*. 2010. Disponível em: http://www.amundsen.com/blog/archives/1054>.
- 36. ZYP, K.; COURT, G. *A JSON Media Type for Describing the Structure and Meaning of JSON Documents*. 2009-2010. Disponível em: http://tools.ietf.org/html/draft-zyp-json-schema-03.
- 37. NOTTINGHAM, Mark. *Web Linking*. 2010. Disponível em: http://tools.ietf.org/html/rfc5988>.
- 38. CLINTON, DeWitt et al. *Open search specification*. 2000. Disponível em: http://www.opensearch.org/Specifications/OpenSearch/1.1.
- 39. DUSSEAULT, L.; LAB, Linden; SNELL, J. *Patch Method for HTTP*. 2010. Disponível em: http://tools.ietf.org/html/rfc5789>.
- 40. IANA. *MIME Media Types Registry*. 2007. Disponível em: http://www.iana.org/assignments/media-types/index.html.
- 41. MURATA, M.; ST. LAURENT, S.; KOHN, D. *XML Media Types*. 2001. Disponível em: http://www.ietf.org/rfc/rfc3023.txt.
- 42. MICROFORMATS. *Plain Old XML Considered Harmful*. 2008. Disponível em: http://microformats.org/wiki/plain-old-xml-considered-harmful.
- 43. BRAY, Tim. *Don't Invent XML Languages*. 2006. Disponível em: http://www.tbray.org/ongoing/When/200x/2006/01/08/No-New-XML-Languages
- 44. ÇELIK, Tantek. *Facebook adds hCalendar and hCard Microformats to Millions of Events*. 2011. Disponível em: http://microformats.org/2011/02/17/facebook-







adds-hcalendar-hcard>.

- 45. DANYLCHUK, Mike; SHETTI, Nitin. Introducing a New Rich Snippets Format: Events. 2010. Disponível em: http://googlewebmastercentral.blogspot. com/2010/01/introducing--new-rich-snippets-format.html>.
- 46. MICROFORMATS. Google adds support for hCalendar and hRecipe Rich Snippets. 2010. Disponível em: http://microformats.org/2010/04/28/google- adds-support-for-hcalendar-and-hrecipe-rich-snippet>
- 47. AMUNDSEN, Mike. RESTful Profiling: XHTML-based Web APIs. 2010. Disponível em: http://www.amundsen.com/blog/archives/1043.
- 48. MANOLA, Frank; MILLER, Eric. *RDF Primer*. 2004. Disponível em: http:// www.w3.org/TR/2004/REC-rdf-primer-20040210/>.
- 49. GREGORIO, Joe. *Do we need WADL?* 2007. Disponível em: http://bitworking. org/news/193/Do-we-need-WADL>.
- 50. AMUNDSEN, Mike. Why WADL when you can run? 2010. Disponível em: http://www.amundsen.com/blog/archives/1067>.
- 51. MILLER, Libby; BRICKLEY, Dan. The friend of a friend project. 2000. Disponível em: http://www.foaf-project.org/>.
- 52. NOTTINGHAM, Mark. HTTP Cache-Control Extensions for Stale Content. 2010. Disponível em: http://tools.ietf.org/html/rfc5861.
- 53. GRIGORIK, Ilya. *Asynchronous HTTP Cache Validations*. 2008. Disponível em: http://www.igvita.com/2008/10/07/asynchronous-http-cache-validations>.



