

References

- [1] Chess, Brian, and Gary McGraw. "Static analysis for security." *IEEE security & privacy* 2, no. 6 (2004): 76-79.
- [2] Khan, U. A., I. A. Al-Bidewi, and K. Gupta. "Challenges in Component-Based Software Engineering as the Technology of the Modern Era." *International Journal of Internet Computing (IJIC)* 1 (2011).
- [3] Hopkins, Jon. "Component primer." *Communications of the ACM* 43, no. 10 (2000): 27-27.
- [4] Szyperski, Clemens, Dominik Gruntz, and Stephan Murer. *Component software: beyond object-oriented programming*. Pearson Education, 2002.
- [5] D'souza, Desmond F., and Alan Cameron Wills. *Objects, components, and frameworks with UML: the catalysis approach*. Vol. 1. Reading: Addison-Wesley, 1998.
- [6] Meijler, Theo Dirk, and Oscar Nierstrasz. "Beyond objects: components." *Cooperative information systems: current trends and directions* (1997): 49-78.
- [7] Han, Jun. "A comprehensive interface definition framework for software components." In *Proceedings 1998 Asia Pacific Software Engineering Conference* (Cat. No. 98EX240), pp. 110-117. IEEE, 1998.
- [8] Egyed, Alexander, and Robert Balzer. "Unfriendly COTS integration-instrumentation and interfaces for improved plugability." In *Proceedings 16th Annual International Conference on Automated Software Engineering (ASE 2001)*, pp. 223-231. IEEE, 2001.
- [9] Boehm, Barry, and Chris Abts. "COTS Integration: Plug and pray?." *Computer* 32, no. 1 (1999): 135-138.
- [10] Bachmann, Felix, Len Bass, Charles Buhman, Santiago Comella-Dorda, Fred Long, John Robert, Robert Seacord, and Kurt Wallnau. *Volume II: Technical concepts of component-based software engineering*. Technical Report CMU/SEI-2000-TR-008, Carnegie Mellon Software Engineering Institute, 2000.
- [11] P. Eskelin, "Component interaction patterns," in *6th Annual Conf. on the Pattern Languages of Programs (PLoP)*. Urbana, IL, USA, 1999.

- [12] Fowler, Martin. "Inversion of control containers and the dependency injection pattern." (2004).
- [13] Yang, Hong Yul, Ewan Tempero, and Hayden Melton. "An empirical study into use of dependency injection in java." In 19th Australian Conference on Software Engineering (aswec 2008), pp. 239-247. IEEE, 2008.
- [14] Vanbrabant, Robbie. Google Guice: agile lightweight dependency injection framework. APress, 2008.
- [15] Prasanna, Dhanji R. Dependency injection. Manning Publications Co., 2009.
- [16] Krueger, Charles W. "Software reuse." ACM Computing Surveys (CSUR) 24, no. 2 (1992): 131-183.
- [17] Gao, Jerry, H-SJ Tsao, and Ye Wu. Testing and quality assurance for component-based software. Artech House, 2003.
- [18] Alnusair, Awny, and Tian Zhao. "Component search and reuse: An ontology-based approach." In 2010 IEEE International Conference on Information Reuse & Integration, pp. 258-261. IEEE, 2010.
- [19] Chacon, Scott, and Ben Straub. Pro git. Apress, 2014.
- [20] Weiss, Dawid. "Quantitative analysis of open source projects on SourceForge." In Proceedings of the First International Conference on Open Source Systems, Genova, pp. 140-147. 2005.
- [21] Sonatype Inc, "Concepts and Benefits of Repo Management." [Online]. Available: <https://www.sonatype.com/concepts-benefits-repo-management>. [Accessed: 30-Jun-2018].
- [22] JFrog Ltd , "JFrog Enterprise+: An End-to-End Platform for Global DevOps" [Online]. Available: <https://jfrog.com/wp-content/uploads/2018/05/White-Paper-Enterprise-Plus-An-End-To-End-Platform-For-Global-DevOps.pdf>. [Accessed: 30-Jun-2018].
- [23] Khan, Khaled, Jun Han, and Yuliang Zheng. "Security properties of software components." In International Workshop on Information Security, pp. 52-56. Springer, Berlin, Heidelberg, 1999.

- [24] Khan, K., Jun Han, and Yuliang Zheng. "A scenario-based security characterisation of software components." In Proceedings of the 3rd Australasian Workshop on Software and System Architectures, pp. 55-63. 2000.
- [25] Khan, Khaled M., Jun Han, and Yuliang Zheng. "Characterising user data protection of software components." In Proceedings 2000 Australian Software Engineering Conference, pp. 3-11. IEEE, 2000.
- [26] Khan, Khaled M., and Jun Han. "A process framework for characterising security properties of component-based software systems." In 2004 Australian Software Engineering Conference. Proceedings., pp. 358-367. IEEE, 2004.
- [27] Khan, Khaled M., and Jun Han. "Assessing security properties of software components: A software engineer's perspective." In Australian Software Engineering Conference (ASWEC'06), pp. 10-pp. IEEE, 2006.
- [28] Busch, Axel, Misha Strittmatter, and Anne Koziolk. "Assessing security to compare architecture alternatives of component-based systems." In 2015 IEEE International Conference on Software Quality, Reliability and Security, pp. 99-108. IEEE, 2015.
- [29] Nazir, Shah, Sara Shahzad, Muhammad Nazir, and Hanif ur Rehman. "Evaluating security of software components using analytic network process." In 2013 11th International Conference on Frontiers of Information Technology, pp. 183-188. IEEE, 2013.
- [30] Swiderski, Frank, and Window Snyder. Threat modelling. Microsoft Press, 2004.
- [31] "ISO/IEC 15408-1:2009(en), Information technology — Security techniques — Evaluation criteria for IT security — Part 1: Introduction and general model." [Online]. Available: <https://www.iso.org/obp/ui/#iso:std:iso-iec:15408:-1:ed-3:v2:en>. [Accessed: 30-Jun-2018].
- [23] "ISO/IEC 15408-2:2008(en), Information technology — Security techniques — Evaluation criteria for IT security — Part 2: Security functional components." [Online]. Available: <https://www.iso.org/obp/ui/#iso:std:iso-iec:15408:-2:ed-3:v2:en>. [Accessed: 30-Jun-2018].
- [33] "ISO/IEC 15408-3:2008(en), Information technology — Security techniques — Evaluation criteria for IT security — Part 3: Security assurance components." [Online]. Available: <https://www.iso.org/obp/ui/#iso:std:iso-iec:15408:-3:ed-3:v2:en>. [Accessed: 30-Jun-2018].

- [34] Olivier Gaudin, "SonarSource Blog: What makes Checkstyle, PMD, Findbugs and Macker complementary?" [Online]. Available: <https://blog.sonarsource.com/what-makes-checkstyle-pmd-findbugs-and-macker-complementary>. [Accessed: 30-Jun-2018].
- [35] N. Antunes and M. Vieira, "Benchmarking Vulnerability Detection Tools for Web Services," in 2010 IEEE International Conference on Web Services, 2010, pp. 203–210.
- [36] Chen, Shay. "The web application vulnerability scanners benchmark." Denim Group (2014).
- [37] National Institute of Standards and Technology (NIST), "Juliet Test Suite v1.2 for Java" [Online]. Available: https://samate.nist.gov/SARD/resources/Juliet_Test_Suite_v1.2_for_Java_-_User_Guide.pdf [Accessed: 30-Jun-2018].
- [38] "Benchmark - OWASP." [Online]. Available: <https://www.owasp.org/index.php/Benchmark>. [Accessed: 30-Jun-2018].
- [39] CVE Details List. [Online]. Available: <https://www.cvedetails.com/vulnerability-list/> [Accessed: 30-Jun-2018].
- [40] Youden, William J. "Index for rating diagnostic tests." *Cancer*3, no. 1 (1950): 32-35.
- [41] Center for Internet Security, "CIS Benchmarks." [Online]. Available: <https://www.cisecurity.org/cis-benchmarks/>. [Accessed: 30-Jun-2018].