

REFERENCES

- [Becker97] Becker, J. C., Bloebaum C. L., and Hulme, K. F., "Distributed Computing for Multidisciplinary Design Optimization Using Java," *Structural Optimization*, vol. 14, no. 4, December 1997, pp. 203-218.
- [Bellovin89] Bellovin, S. M., "Security Problems in the TCP/IP Protocol Suite," *Computer Communication Review*, vol. 19, no. 2, April 1989, pp. 32-48.
- [Bernd97] Brendt, C., Cappello, P., Ionescu, M., Neary, M., Schausser, K., and Wu, D., "Javelin: Internet-based Parallel Computing Using Java," *Concurrency: Practice and Experience*, vol. 9, no. 11, November 1997, pp. 1139-1160.
- [Bøhn93] Bøhn, J. H., *Automatic CAD Model Repair*, Ph.D. dissertation, Rensselaer Polytechnic Institute, Troy, New York, USA, August 1993.
- [Bailey95] Bailey, M. J., "Tele-Manufacturing: Rapid Prototyping on the Internet," *IEEE Computer Graphics and Applications*, vol. 15, no. 6, November 1995, pp. 20-26.
- [CCITT87] CCITT, Draft Recommendation X.509, "The Directory-Authentication Framework," Consulting Committee, International Telephone and Telegraph, International Telecommunication Union, Geneva, Switzerland, 1987.
- [Chabert98] Chabert, A., Grossman, E., Jackson, L., Pietrowicz, S., and Seguin, C., "Java Object-Sharing in Habanero," *Communications of the ACM*, vol. 41, no. 6, June 1998, pp. 69-76.
- [Chan98] Chan, P., Kramer, D., and Lee, R., *The Java Class Libraries*, Volume 1 Second Edition, Addison Wesley Longman, Inc., Reading, Massachusetts, March 1998.
- [Cheswick91] Cheswick, W. R., "An evening with Berferd, in which a cracker is lured, endured, and studied," July 24, 1992.
<ftp://research.att.com/dist/internet_security/berferd.ps> (November 10, 1998).
- [Driggers97] Driggers, B., Alameda, J., and Bishop, K., "Distributed Collaboration for Engineering and Scientific Applications Implemented in Habanero,

a Java-based Environment,” *Concurrency: Practice and Experience*, vol. 9, no. 11, November 1997, pp. 1269-1277.

- [Felten97] Wallach, D. S., Balfranz, D., Dean, D., and Felten, E. W., “Extensible Security Architecture for Java,” *Operating Systems Review*, vol. 31, no. 5, December 1997, pp. 116-128.
- [Felten98] Wallach, D. S., and Felten, E. W., “Understanding Java Stack Inspection,” *Proceedings of 1998 IEEE Symposium on Security & Privacy*, Oakland, California, 3-6 May 1998, pp. 52-63.
- [Foster97] Foster, I., Thiruvathukal, G., and Teucke, S., “Technologies for Ubiquitous Supercomputing: a Java Interface to the Nexus Communication System,” *Concurrency: Practice and Experience*, vol. 9, no. 6, June 1997, pp. 465-475.
- [Frier96] Frier, A., Karlton P., and Kocher, P., “The SSL Protocol,” November 18, 1996. <<http://home.netscape.com/eng/ssl3/draft302.txt>> (November 8, 1998).
- [Frost96] Frost, R., and Cutosky, M., “An Agent-Based Approach to Making Rapid Prototyping Processes Manifest to Designers,” *Proceedings of ASME Symposium on Virtual Design and Manufacturing*, Irvine, California, 1996, pp. 239-244.
- [Gamma94] Gamma. E., Helm, R., Johnson, R., and Vlissides, J., *Design Patterns: Elements of Reusable Object-Oriented Software*, Addison-Wesley Publishing Company, Massachusetts, USA, 1994.
- [Gerck97] Gerck, E., “Overview of Certification Systems: X.509, CA, PGP and SKIP,” April 17. 1997. < <http://www.mcg.org.br/cert.htm>> (November 10, 1998).
- [Gong98] Gong, L., and Schemers, R., “Implementing Protection Domain in Java Development Kit 1.2,” *The Proceedings of the Internet Society Symposium on Network and Distributed System Security*, San Diego, California, March 11-13, 1998, pp.136-141.
- [Goralski95] Goralski, W., *TCP/IP Applications and Protocols*, Computer Technology Research Corp., 1995.
- [Grieshaber91] Grieshaber, M., *A Computer-Aided Software Engineering Toolkit for the Integration of CAD/CAM Application Software in a Network Environment*, Ph.D dissertation, Virginia Polytechnic Institute and State University, Blacksburg, Virginia, USA, November 1991.

- [Grieshaber92] Grieshaber, M., and Myklebust, A., "Enabling the integration of CAD/CAM software in a network environment," *Proceedings of the 5th International Conference on Software and its Applications*, Toulouse, France, December 7-11, 1992, pp. 217-222.
- [Javasoftware96] Sun Microsystems, "Remote Method Invocation Specification," November 25, 1996.
<<http://java.sun.com/products/jdk/rmi/doc/rmi-spec/rmiTOC.html>> (November 8, 1998).
- [Javasoftware98a] Sun Microsystems, "Secure Computing with Java: Now and the Future," July 7, 1998.
<<http://www.javasoftware.com/marketing/collateral/security.html>> (November 8, 1998).
- [Javasoftware98b] Sun Microsystems, "Security and Signed Applet," October 22, 1998.
<<http://java.sun.com/products/jdk/1.1/docs/guide/security/index.html>> (November 8, 1998).
- [Javasoftware98c] Sun Microsystems, "Java Security Architecture," October 22, 1998.
<<http://java.sun.com/products/jdk/1.2/docs/guide/security/spec/security-specTOC.fm.html>> (November 8, 1998).
- [JCA97] Sun Microsystems, Inc., "Java Cryptography Architecture: API Specifications and References," December 19, 1997.
<<http://www.javasoftware.com/products/jdk/1.1/docs/guide/security/CryptoSpec.html>> (November 10, 1998).
- [Krantz95] Krantz, S., *Real World Client/Server*, Maximum Press, Gulf Breeze, Florida, 1995.
- [OMG98] Object Management Group, *The Common Object Request Broker: Architecture 2.2 Specification*, July 1998.
<<ftp://ftp.omg.org/corba/pubs/docs/formal/98-07-01.pdf>> (November 10, 1998).
- [Oppliger96] Oppliger, R., *Authentication Systems for Secure Network*, Artech House Inc., Norwood, Massachusetts, 1996.
- [NCC97] Netscape Communications Corporation, *Introduction to the Capabilities Classes*, August 6, 1997.
<<http://developer.netscape.com/library/documentation/signedobj/capabilities>> (November 10, 1998).

- [Puliafito98] Puliafito, A., Tomarchio, O., Vita, L., and Trivedi, K., "Increasing Application Accessibility Through Java," *IEEE Internet Computing*, July-August, 1998, pp. 70-77.
- [Saha97] Saha, D., and Chandrakasan, A., "A Framework for Distributed Web-enabled Microsystem Design," *Proceedings of the 6th Workshop on Enabling Technologies: Infrastructure for Collaborative Enterprise*, June 1997, Massachusetts, USA, pp. 69-74.
- [Schneier96] Schneier, B., *Applied Cryptography: Protocols, Algorithms and Source Code in C*, Second Edition, John Wiley & Sons, Inc., New York City, NY, 1996.
- [Shimomura96] Shimomura, T., and Markoff, J., *Takedown: The pursuit and capture of Kevin Mitnic, America's most wanted computer outlaw - by the man who did it*, Hyperion Press, New York City, NY, 1996.
- [Smith96] Smith, C. S., and Wright, P. K., "CyberCut: A World Wide Web Based Design-to-Fabrication Tool," *Journal of Manufacturing Systems*, vol. 15, no. 6, 1996, pp. 432-442.
- [Stevens90] Stevens, W. R., *UNIX Network Programming*, Prentice Hall, Englewood Cliffs, New Jersey, 1990.
- [Wagner95] Wagner, R., Castanotto, G., and Goldberg, K., "DFX via the Internet," *SPIE*, vol. 2596, 1995, pp. 192-195.
- [Wagner97] Wagner, R., and Castanotto, G., "FixtureNet: interactive computer-aided design via the World Wide Web," *International Journal of Human-Computer Studies*, vol. 46, 1997, pp. 773-788.