

## Bibliography

[Alford1977]

M.W. Alford, "A Requirements Engineering Methodology for Realtime Processing Requirements," *IEEE Transactions on Software Engineering* **SE-3**(1), p.60–69 (1977).

[Berry1980]

D.M. Berry and O. Berry, "The Programmer-Client Interaction in Arriving at Program Specifications: Strong Typing, Abstract Data Typing, and Jewish Motherhood," in *Proceedings of the Third International Winter Seminar on Computer Science*, Santiago, Chile (August, 1980).

[Berry1983]

D.M. Berry and O. Berry, "The Programmer-Client Interaction in Arriving at Program Specifications: Guidelines and Linguistic Requirements," in *Proceedings of IFIP TC2 Working Conference on System Description Methodologies*, ed. E. Knuth, Kecskemet, Hungary (May, 1983).

[Berry1995]

D.M. Berry, "The Importance of Ignorance in Requirements Engineering," *Journal of Systems and Software* **28**(2), p.179–184 (February, 1995).

[Boehm1988a]

B. Boehm, "Process Architectures in a COTS-Oriented World," Workshop Presentation, Software Engineering Institute, Pittsburgh, PA (May, 1988).

[Boehm1981]

B.W. Boehm, *Software Engineering Economics*, Prentice-Hall, Englewood Cliffs, NJ (1981).

[Boehm1988b]

B.W. Boehm, "A Spiral Model of Software Development and Enhancement," *IEEE Computer* **21**(5), p.61–72 (May, 1988).

[Borgida1985]

A. Borgida, S. Greenspan, and J. Mylopolous, "Knowledge Representation as the Basis for Requirements Specifications," *Computer* **18**(4), p.82–91 (April, 1985).

[Bowers1994]

J. Bowers and J. Pycock, "Talking Through Design: Requirements and Resistance in Cooperative Prototyping," in *CHI '94* (1994).

[Brooks1987]

F.P. Brooks, Jr., "No Silver Bullet," *Computer* **20**(4), p.10–19 (April, 1987).

[Brooks1995]

F.P. Brooks, Jr., "Keynote Address," in *Seventeenth International Conference on Software Engineering*, IEEE Computer Society, Seattle, WA (1995).

[Bubenko1995]

J.A. Bubenko, Jr., "Challenges in Requirements Engineering," pp. 2–8 in *Proceedings of the Second IEEE International Symposium on Requirements Engineering*, York, UK (March, 1995).

- [Burgess-Yakemovic1990]  
K.C. Burgess-Yakemovic and J. Conklin, "Report on Development Project Use of an Issue-Based Information System," in *Proceedings of the ACM Conference on CSCW*, Los Angeles, CA (October, 1990).
- [Burstin1984]  
M.D. Burstin and M. Ben-Bassat, "A User's Approach to Requirements Analysis if a Large Software System.," in *Proceedings of ACM National Conference*, Seattle, WA (October, 1984).
- [Coad1991]  
P. Coad and E. Yourdon, *Object-Oriented Analysis*, Yourdon Press, Englewood-Cliffs, NJ (1991).
- [Drake1994]  
J.M. Drake and W.T. Tsai, "System Bounding Issues for Analysis," pp. 24–31 in *Proceedings of the First International Conference on Requirements Engineering*, IEEE Computer Society, Colorado Springs, CO (1994).
- [Easterbrook1993]  
S. Easterbrook, "Domain Modelling with Hierarchies of Alternative Viewpoints," pp. 65–72 in *Proceedings of the IEEE International Symposium on Requirements Engineering*, San Diego, CA (January, 1993).
- [Easterbrook1995]  
S. Easterbrook and B. Nuseibeh, "Inconsistency Management in Evolving Specification," pp. 48–55 in *Proceedings of the Second IEEE International Symposium on Requirements Engineering*, York, UK (March, 1995).
- [Easterbrook1996]  
S. Easterbrook and B. Nuseibeh, "Using ViewPoints for Inconsistency Management," *Software Engineering Journal* **11**(1), p.31–43 (January, 1996).
- [Gause1989]  
D.C. Gause and G.M. Weinberg, *Exploring Requirements: Quality Before Design*, Dorset House, New York, NY (1989).
- [Goguen1993]  
J.A. Goguen and C. Linde, "Techniques for Requirements Elicitation," pp. 152–164 in *Proceedings of the IEEE International Symposium on Requirements Engineering*, San Diego, CA (January, 1993).
- [Goguen1994]  
J.A. Goguen, "Requirements Engineering as the Reconciliation of Technical and Social Issues," pp. 165–199 in *Requirements Engineering: Social and Technical Issues*, ed. J.A. Goguen and M. Jirotko, Academic Press (1994).
- [Goldin1994]  
L. Goldin and D.M. Berry, "AbstFinder: A Prototype Abstraction Finder for Natural Language Text for Use in Requirements Elicitation: Design, Methodology, and Evaluation," pp. 84–93 in *Proceedings First International Conference on Requirements Engineering*, IEEE Computer Society, Colorado Springs, CO (April, 1994).
- [Gotel1994]  
O.C.Z. Gotel and A.C.W. Finkelstein, "An Analysis of the Requirements Traceability Problem," pp. 94–101 in *Proceedings of the First International Conference on Requirements Engineering*, IEEE Computer Society, Colorado Springs, CO (1994).

- [Holtzblatt1990]  
K. Holtzblatt and S. Jones, "Contextual Inquiry: Principles and Practice," Technical Report DEC-TR 729, Digital Equipment Corporation (October, 1990).
- [Hunter1997]  
A. Hunter and B. Nuseibeh, "Analysing Inconsistent Specifications," pp. 78–86 in *Proceedings of the Third IEEE International Symposium on Requirements Engineering*, Annapolis, MD (January, 1997).
- [Jackson1995]  
M.A. Jackson, "Problems and Requirements," pp. 2–8 in *Proceedings of the Second IEEE International Symposium on Requirements Engineering*, York, UK (March, 1995).
- [Kaindl1993]  
H. Kaindl, "The Missing Link in Requirements Engineering," *ACM SIGSOFT Software Engineering Notes* **18**(2), p.30–39 (April, 1993).
- [Kang1990]  
K. Kang, S. Cohen, J. Hess, W. Novak, and A. Peterson, "Feature Oriented Domain Analysis (FODA) Feasibility Study," Technical Report, CMU/SEI-90-TR-21, DTIC: ADA235785, Software Engineering Institute (November, 1990).
- [Lehman1980]  
M.M. Lehman, "Programs, Life Cycles, and Laws of Software Evolution," *Proceedings of the IEEE* **68**(9), p.1060–1076 (September, 1980).
- [Leite1987]  
J.C.S.P. Leite, "A Survey on Requirements Analysis.," Advanced Software Engineering Project Technical Report RPT-071, Department of Information and Computer Science, University of California, Irvine, CA (June, 1987).
- [Leite1993]  
J.C.S.P. Leite and A.P.M. Franco, "A Strategy for Conceptual Model Acquisition," pp. 243–246 in *Proceedings of the IEEE International Symposium on Requirements Engineering*, San Diego, CA (January, 1993).
- [Leveson1986]  
N.G. Leveson, "Software Safety: What, Why, and How," *Computing Surveys* **18**(2), p.125–164 (June, 1986).
- [Lubars1993]  
M. Lubars, C. Potts, and C. Richter, "A Review of the State of Practice in Requirements Modeling," pp. 2–14 in *Proceedings of the IEEE International Symposium on Requirements Engineering*, San Diego, CA (January, 1993).
- [Luqi1992]  
Luqi, "Computer-Aided Prototyping for a Command-and-Control System Using CAPS," *IEEE Software* **9**(1), p.56–67 (January, 1992).
- [Maarek1989]  
Y.S. Maarek and D.M. Berry, "The Use of Lexical Affinities in Requirements Extraction," in *Proceedings of the Fifth International Workshop on Software Specification and Design*, Pittsburgh, PA (May, 1989).

- [Martin1988]  
J. Martin and W.T. Tsai, “An Experimental Study in Upstream Software Development,” Technical Report, University of Minnesota, Minneapolis, MN (1988).
- [Mathews1998]  
B. Mathews, 1998. Private Communication.
- [Parnas1994]  
D.L. Parnas, “Software Aging,” pp. 279–287 in *Proceedings of the Sixteenth International Conference on Software Engineering*, Sorrento, Italy (May, 1994). Invited Plenary Talk.
- [Potts1993]  
C. Potts and K. Takahashi, “An Active Hypertext Model for System Requirements,” Technical Report, College of Computing, Georgia Institute of Technology (1993).
- [Ross1977a]  
D.T. Ross, “Structured Analysis (SA): A Language for Communicating Ideas,” *IEEE Transactions on Software Engineering* **SE-3**(1), p.16–33 (January, 1977).
- [Ross1977b]  
D.T. Ross and K.E. Schoman, Jr., “Structured Analysis for Requirements Definition,” *IEEE Transactions on Software Engineering* **SE-3**(1), p.6–15 (January, 1977).
- [Royce1997]  
W. Royce, “Pragmatic Software Metrics for Iterative Development,” pp. 585 in *Proceedings of the Nineteenth International Conference on Software Engineering*, Boston, MA (1997).
- [Royce1970]  
W.W. Royce, “Managing the Development of Large Software Systems: Concepts and Techniques,” in *Proceedings of WesCon* (August, 1970).
- [Ryan1993]  
K. Ryan, “The Role of Natural Language in Requirements Engineering,” pp. 240–242 in *Proceedings of the IEEE International Symposium on Requirements Engineering*, San Diego, CA (January, 1993).
- [Saeki1987]  
M. Saeki, H. Horai, K. Toyama, N. Uematsu, and H. Enomoto, “Specification Framework Based on Natural Language,” pp. 87–94 in *Proceedings of the Fourth International Workshop on Software Specification and Design*, Monterey, CA (April, 1987).
- [Salton1983]  
G. Salton and M.J. McGill, *Introduction to Modern Information Retrieval*, McGraw-Hill, New York (1983).
- [Schach1992]  
S.R. Schach, *Software Engineering*, Aksen Associates & Irwin, Boston, MA (1992). Second Edition.
- [Smith1993]  
T.J. Smith, “READS: A Requirements Engineering Tool,” pp. 94–97 in *Proceedings of the IEEE International Symposium on Requirements Engineering*, San Diego, CA (January, 1993).

- [Strand1982]  
E.M. Strand and W.T. Jones, "Prototyping and Small Software Projects," *ACM SIGSOFT Software Engineering Notes* 7(5), p.169–170 (December, 1982).
- [Teichroew1977]  
D. Teichroew and E.A. Hershey, III, "PSL/PSA: A Computer-Aided Technique for Structure Documentation and Analysis of Information Processing Systems," *IEEE Transactions on Software Engineering* SE-3(1), p.41–48 (January, 1977).
- [Wasserman1984]  
A.I. Wasserman, "Developing Interactive Information Systems with the User Software Engineering Methodology," in *Proceedings, First Conference on Human-Computer Interaction*, London (September, 1984).
- [Wasserman1986a]  
A.I. Wasserman, P.A. Pircher, and D.T. Shewmake, "Building Reliable Interactive Information Systems," *IEEE Transactions on Software Engineering* SE-12(1) (January, 1986).
- [Wasserman1986b]  
A.I. Wasserman, P.A. Pircher, D.T. Shewmake, and M.L. Kirsten, "Developing Interactive Information Systems with the User Software Engineering Methodology," *IEEE Transactions on Software Engineering* SE-12(1), p.147–156 (January, 1986).
- [Winchester1982]  
J. Winchester and G. Estrin, "Requirements Definition and Its Interface to the SARA Design Methodology for Computer-Based Systems," *AFIPS Conference Proceedings* 51, p.369–379 (June, 1982).
- [Wood1994]  
D.P. Wood, M.G. Christel, and S.M. Stevens, "A Multimedia Approach to Requirements Capture and Modeling," in *Proceedings of the First International Conference on Requirements Engineering*, IEEE Computer Society, Colorado Springs, CO (April, 1994).
- [Zahniser1993]  
R.A. Zahniser, "Design by Walking Around," *Communications of the ACM* 36(10), p.115–123 (October, 1993).
- [Zave1982]  
P. Zave, "An Operational Approach to Requirements Specification for Embedded Systems," *IEEE Transactions on Software Engineering* SE-8(3), p.250–269 (May, 1982).
- [Zucconi1993]  
L. Zucconi, "I Never Realized My Requirements Were Object-Oriented Until I Talked to My Analyst," pp. 230 in *Proceedings of the IEEE International Symposium on Requirements Engineering*, San Diego, CA (January, 1993).