# References


Abadi, M. 1994.
Baby Modula-3 and a theory of objects. In *Journal of Functional Programming* **4**(2), April 1994, Cambridge University Press, pp. 249-283.

Achten, P.M. 1992.
I/O in functional languages. In Kuchen, H., Loogen, R. eds., *Proceedings of the 4th International Workshop on the Parallel Implementation of Functional Languages*, RWTH Aachen, Germany, 28-30 September, 1992, Aachener Informatik-Berichte, Nr. 92-19.

Achten, P.M., van Groningen J.H.G., and Plasmeijer, M.J. 1993.
High Level Specification of I/O in Functional Languages. In Launchbury, J., Sansom, P. eds., *Proceedings Glasgow Workshop on Functional Programming*, Ayr, Scotland, 6-8 July 1992. Workshops in Computing, Springer-Verlag, Berlin, 1993, pp. 1-17.

Achten, P.M. and Plasmeijer, M.J. 1993.
The Beauty and the Beast. *Technical Report No.93-03*, March 1993. Research Institute for Declarative Systems, Department of Informatics, Faculty of Mathematics and Informatics, University of Nijmegen.

Achten, P.M. and Plasmeijer, M.J. 1994-*a*.
Towards Distributed Interactive Programs in the Functional Programming Language Clean. In Glauert, J.R.W. ed. *Proceedings of the 6th International Workshop on the Implementation of Functional Languages*, University of East Anglia, Norwich, U.K., 7-9 September, 1994, pp. 28.1-28.16.

Achten, P.M. and Plasmeijer, M.J. 1994-*b*.
A Framework for Deterministically Interleaved Interactive Programs in the Functional Programming Language Clean. In Bakker, E. ed. *Proceedings Computing Science in the Netherlands, CSN'94*, Jaarbeurs Utrecht, The Netherlands, November 21-22, Stichting Mathematisch Centrum, Amsterdam, 1994, pp. 30-41.

Achten, P.M. and Plasmeijer, M.J. 1995-*a*.
The ins and outs of Clean I/O. In *Journal of Functional Programming* **5**(1) - January 1995, Cambridge University Press, pp. 81-110.

Achten, P.M. and Plasmeijer, M.J. 1995-*b*.
Concurrent Interactive Processes in a Pure Functional Language. In van Vliet, J.C. ed. *Proceedings Computing Science in the Netherlands, CSN'95*, Jaarbeurs Utrecht, The Netherlands, November 27-28, Stichting Mathematisch Centrum, Amsterdam, 1995, pp. 10-21.

Achten, P.M. and Plasmeijer, M.J. 1995-*c*.
Using Type and Constructor Classes to Interpret Object Structures. *Submitted to the First ACM SIGPLAN International Conference on Functional Programming, ICFP'96, Philadelphia, Pennsylvania, USA, May 24-26, 1996.*

Backus, J. 1978.
Can Programming Be Liberated from the von Neuman Style? A Functional Style and Its Algebra of Programs. In *Communications of the ACM*, Vol.**21** Nr.8, pp. 613-641.

Backus, J., Williams, and J., Wimmers, E. 1990.
An introduction to the programming language FL. In Turner, D.A. ed., *Research topics in Functional Programming*, Addison-Wesley Publishing Company, pp. 219-247.

Barendregt, H.P., Eekelen van, M.C.J.D., Glauert, J.R.W., Kennaway, J.R., Plasmeijer, M.J., and Sleep, M.R. 1987.
Term Graph Rewriting. In Bakker, J.W. de, Nijman, A.J., and Treleaven, P.C. eds. *Proceedings of Parallel Architectures and Languages Europe*, Vol.II, Eindhoven, The Netherlands, LNCS **259**, Springer-Verlag, Berlin, pp. 141-158.

Barendsen, E. 1995.
*Types and Computations in Lambda Calculi and Graph Rewrite Systems*, PhD.Thesis, University of Nijmegen, 1995.

Barendsen, E. and Smetsers, J.E.W. 1992.
Graph Rewriting and Copying. *Technical Report No. 92-20*, August 1992, Department of Informatics, Faculty of Mathematics and Informatics, University of Nijmegen.

Barendsen, E. and Smetsers, J.E.W. 1993-*a*.
Conventional and Uniqueness Typing in Graph Rewrite Systems. *Technical Report CSI-R9328*, December 1993. Computing Science Institute, Department of Informatics, Faculty of Mathematics and Informatics, University of Nijmegen.

Barendsen, E. and Smetsers, J.E.W. 1993-*b*.
Conventional and Uniqueness Typing in Graph Rewrite Systems (extended abstract). In Shyamasundar, R.K. ed. *Proceedings of the Thirteenth Conference on the Foundations of Software Technology and Theoretical Computer Science*, 15–17 December 1993, Bombay, India. LNCS **761**, Springer-Verlag, Berlin, pp. 41-51.

Barendsen, E. and Smetsers, J.E.W. 1995-*a*.
Uniqueness Type Inference. In Hermenegildo, M. and Swierstra, S.D. eds. *Proceedings of Seventh International Symposium on Programming Languages: Implementations, Logics and Programs*, Utrecht, The Netherlands, 20-22 September, 1995. LNCS **982**, Springer-Verlag, pp. 189-206.

Barendsen, E. and Smetsers, J.E.W. 1995-*b*.
A Derivation System for Uniqueness Typing. In Proceedings of Joint COMPUGRAPH-SEMAGRAPH Workshop on Graph Rewriting and Computation (SEGRAGRA '95), Volterra, Pisa, Italy, Electronic Notes in Theoretical Computer Science **1** (1995), Elsevier.

Bruce, K.B. 1994.
A paradigmatic object-oriented programming language: Design, static typing and semantics. In *Journal of Functional Programming* **4**(2), April 1994, Cambridge University Press, pp. 127-206.

Brus, T., Eekelen, M.C.J.D. van, Leer, M.O. van, and Plasmeijer, M.J. 1987.
Clean: A Language for Functional Graph Rewriting. In Kahn. G. ed. *Proceedings of the Third International Conference on Functional Programming Languages and Computer Architecture*, Portland, Oregon, USA, LNCS **274**, Springer-Verlag, pp. 364-384.

Carlsson, M. and Hallgren, Th. 1993.
FUDGETS - A Graphical User Interface in a Lazy Functional Language. In *Proceedings of Conference on Functional Programming Languages and Computer Architecture*. Copenhagen, Denmark, 9-11 June 1993. ACM Press, pp. 321-330.

Chirimar, J., Gunter, C.A. and Riecke, J.G. 1992.
Proving Memory Management Invariants for a Language Based on Linear Logic. In *Proceedings of the ACM Conference on Lisp and Functional Programming*, San Francisco, California, June 22-24, 1992, ACM Press, pp. 139-150.

Coquand, Th. and Paulin-Mohring, Ch. 1988.
Inductively defined types. In Martin-Löf, Mints, eds. *Proceedings of the International Conference on Computer Logic*, Tallinn, USSR, December 1988, LNCS **412**, Springer Verlag, pp. 50-66.

Curry, H.B. and Feys, R. 1958.
*Combinatory Logic*. **1**. Amsterdam: North-Holland.

Dwelly, A. 1989.
Functions and Dynamic User Interfaces. In *Proceedings of Fourth International Conference on Functional Programming Languages and Computer Architectures*, Imperial College, London, September 11-13, 1989, pp. 371-381.

Eekelen, M.C.J.D. van 1988.
*Parallel Graph Rewriting, Some Contributions to its Theory, its Implementation and its Application*, PhD.Thesis, University of Nijmegen, 1988.

Eekelen, M.C.J.D. van, Nöcker, E.G.J.M.H., Plasmeijer, M.J., and Smetsers, J.E.W. 1990.
Concurrent Clean Language Manual - Version 0.6. *Technical Report No. 90-20*, November 1990, Research Institute for Declarative Systems, Department of Informatics, Faculty of Mathematics and Informatics, University of Nijmegen.

Eekelen, M.C.J.D. van, Plasmeijer, M.J., and Smetsers, J.E.W. 1991.
Parallel Graph Rewriting on Loosely Coupled Machine Architectures. In Kaplan, Okada, eds. *Proceedings of Conditional and Typed Rewriting Systems, CTRS'90*, Montreal, Canada, LNCS **516**, Springer Verlag, 1991, pp.354-369.

Eekelen, M.C.J.D. van, Huitema, H.S., Nöcker, E.G.J.M.H., Plasmeijer, M.J., and Smetsers, J.E.W. 1993.
Concurrent Clean Language Manual - Version 0.8. *Technical Report No. 93-13*, June 1993. Research Institute for Declarative Systems, Department of Informatics, Faculty of Mathematics and Informatics, University of Nijmegen.

Fairley, R.E. 1985.
*Software Engineering Concepts*. McGraw-Hill International Editions.

Finne, S. and Peyton Jones, S. 1995.
Composing Haggis. In *Proceedings of the Fifth Eurographics Workshop on Programming Paradigms in Computer Graphics*, Maastricht, The Netherlands, September, 1995, to be published by Springer Verlag.

Girard, J-Y. 1987.
Linear Logic. In *Theoretical Computer Science* **50**, pp. 1-102.

Goldberg, A. and Robson, D. 1983.
*Smalltalk-80—The Language and its Implementation.* Addison-Wesley, Reading, MA.

Goldberg, A. 1992.
Object-Oriented Programming Languages. In Sebesta, R.W. *Concepts of Programming Languages* (2nd ed.). The Benjamin/Cummings Publishing Company, Inc.

Gordon, A.D. 1993.
*Functional Programming and Input/Output*. PhD.Thesis, University of Cambridge Computer Laboratory, Technical Report No. 285, 1993.

Guzmán, J.C. and Hudak, P. 1990.
Single-Threaded Polymorphic Lambda Calculus. In *Proceedings of the Fifth Annual IEEE Symposium on Logic in Computer Science*, Philadelphia, P.A., USA, June 4-7, 1990, pp. 333-343.

Groningen, J.H.G. van, Nöcker, E.G.J.M.H., and Smetsers, J.E.W. 1991.
Efficient Heap Management in the Concrete ABC Machine. In Glaser, Hartel eds., *Proceedings of Third International Workshop on Implementation of Functional Languages on Parallel Architectures*. University of Southampton, UK. Technical Report Series CSTR 91-07.

Henderson, P. 1982.
Purely Functional Operating Systems. In Darlington, J., Henderson, P., Turner, D.A. eds., *Functional programming and its applications*, Cambridge University Press, pp. 177-192.

Hoon, W.A.C.A.J. de, Rutten, L.M.W.J., and Eekelen, M.C.J.D. van 1995.
Implementing a functional spreadsheet in Clean. In *Journal of Functional Programming* **5**(3) - July 1995, Cambridge University Press, pp. 383-414.

Hudak, P., Peyton Jones, S., Wadler, Ph., Boutel, B., Fairbairn, J., Fasel, J., Hammond, K., Hughes, J., Johnsson, Th., Kieburtz, D., Nikhil, R., Partain, W., and Peterson, J. 1992.
Report on the Programming Language Haskell. *ACM SigPlan Notices* **27**, (5), pp. 1-164.

Hughes, J. 1990.
Why Functional Programming Matters. In Turner, D.A., ed., *Research topics in Functional Programming*, Addison-Wesley Publishing Company, pp.17-42.

Jones, M.P. 1993.
A system of constructor classes: overloading and implicit higher-order polymorphism. In *Proceedings of Conference on Functional Programming Languages and Computer Architecture*. Copenhagen, Denmark, 9-11 June 1993. ACM Press, pp. 52-61.

Jones, M.P. 1995.
A system of constructor classes: overloading and implicit higher-order polymorphism. In *Journal of Functional Programming* **5**(1) - January 1995, Cambridge University Press, pp. 1-35.

Kernighan, B.W. and Ritchie, D.M. 1988.
*The **C** Programming Language* (2nd ed.). AT&T Bell Laboratories, Prentice Hall Software Series, 1988.

Koopman, P.W.M. 1992.
Compile time reduction in graph rewrite systems. In Kuchen, Loogen, eds. *Proceedings of the Fourth International Workshop on the Parallel Implementation of Functional Languages*, Aachen, Germany, September 1992. Aachener Informatik-Berichte Nr. 92-19.

Läufer, K. and Odersky, M. 1994.
Polymorphic Type Inference and Abstract Data Types. In *ACM Transactions of Programming Languages and Systems* (TOPLAS) **16**(5), September 1994, pp. 1411-1430.

Meyer, B. 1992.
*Eiffel: the language*. Prentice Hall International (UK) Ltd, 1992.

Milner, R.A. 1978.
Theory of Type Polymorphism in Programming. In *Journal of Computer Science and System Sciences*. Vol. 17, no. **3**, pp. 348-375.

Milner, R. 1989.
*Communication and Concurrency*. Prentice-Hall, 1989.

Milner, R., Tofte, M., and Harper, R. 1993.
*Definition of Standard ML*. MIT Press, 1993.

Mitchell, J.C., and Plotkin, G.D. 1985.
Abstract types have existential type. In *Proceedings of the Twelfth Annual ACM Symposium on Principles of Programming Languages*, 1985, pp. 37-51.

Mitchell, J.C., and Plotkin, G.D. 1988.
Abstract types have existential type. In *ACM Transactions of Programming Languages and Systems* (TOPLAS) **10**(3), July 1988, pp. 470-502.

Moggi, E. 1989.
Computational lambda calculus and monads. In *Proceedings of the Fourth Annual Symposium on Logic in Computer Science*, June 5-8, 1989, California, Computer Society Press, pp. 14-23.

Mycroft, A. 1984.
Polymorphic Type Schemes and Recursive Definitions. In *Proceedings of the sixth International Conference on Programming*. LNCS **167**, Springer-Verlag, pp. 217-228.

Noble, R. and Runciman, C. 1994.
Functional Languages and Graphical User Interfaces - a review and a case study. Department of Computer Science, University of York, England, February 3, 1994.

Noble, R. and Runciman, C. 1995.
Gadgets: Lazy Functional Components for Graphical User Interfaces. In Hermenegildo, M. and Swierstra, S.D. eds. *Proceedings of Seventh International Symposium on Programming Languages: Implementations, Logics and Programs*, Utrecht, The Netherlands, 20-22 September, 1995. LNCS **982**, Springer-Verlag, pp. 321-340.

Nöcker, E.G.J.M.H., Smetsers, J.E.W. 1990.
Partially Strict Data Types. In Plasmeijer ed. *Proceedings of the Second International Workshop on Implementation of Functional Languages on Parallel Architectures*, Nijmegen, The Netherlands, June 1990. Technical Report No. 90-16, October 1990.

Nöcker, E.G.J.M.H., Smetsers, J.E.W., Eekelen, M.C.J.D. van, and Plasmeijer, M.J. 1991.
Concurrent Clean. In Aarts, E.H.L., Leeuwen, J. van, Rem, M., eds., *Proceedings of Parallel Architectures and Languages Europe*, June, Eindhoven, The Netherlands. LNCS **506**, Springer-Verlag, pp. 202-219.

Nöcker, E.G.J.M.H. 1993.
Strictness Analysis using Abstract Reduction. In *Proceedings of Conference on Functional Programming Languages and Computer Architecture*. Copenhagen, Denmark, 9-11 June 1993. ACM Press, pp. 255-265.

Nöcker, E.G.J.M.H. and Smetsers, J.E.W. 1993.
Partially strict non-recursive data types. In *Journal of Functional Programming* **3**(2), April 1993, Cambridge University Press, pp. 191-215.

Nöcker, E.G.J.M.H. 1994.
*Efficient Functional Programming – Compilation and Programming Techniques*. PhD.Thesis, University of Nijmegen, 1994.

Perry, N. 1988.
Functional I/O - a solution. Department of Computing, Imperial College, London, *draft*.

Peyton Jones, S.L. and Wadler, Ph. 1993.
Imperative Functional Programming. In *Proceedings of the Twentieth Annual ACM SIGACT-SIGPLAN Symposium on Principles of Programming Languages*, Charleston, South Carolina, January 10-13, 1993, pp. 71-84.

Pierce, B.C., and Turner, D.N. 1994.
Simple type-theoretic foundations for object-oriented programming. In *Journal of Functional Programming* **4**(2), April 1994, Cambridge University Press, pp. 207-247.

Pillich, L. 1992.
*Portable Clean Event I/O*. Master Thesis 230, Department of Informatics, Faculty of Mathematics and Informatics, University of Nijmegen, July 1992.

Plasmeijer, M.J. and van Eekelen, M.C.J.D. 1993.
*Functional Programming and Parallel Graph Rewriting*. Addison-Wesley Publishing Company 1993.

Plasmeijer, M.J. and van Eekelen, M.C.J.D. 1994.
Clean 1.0 Language Report. *Technical Report*, in preparation. University of Nijmegen, The Netherlands.

Radin, G. 1992.
Data Abstraction. In Sebesta, R.W. *Concepts of Programming Languages* (2nd ed.). The Benjamin/Cummings Publishing Company, Inc.

Redelmeier, D.H. 1984.
*Towards Practical Functional Programming*. PhD.Thesis. Computer Systems Research Group, University of Toronto, May 1984, Technical Report CSRG-158.

Reynolds, J.C. 1978.
User defined types and procedural data structures as complementary approaches to data abstraction. In Gries, D. ed., *Programming Methodology, A Collection of Articles by IFIP WG2.3*, Springer, New York, pp. 309-317.

Schönfinkel, M. 1924.
Über die Bausteine der mathematischen Logik. In Mathematische Annalen, **92**, pp. 305-316.

Smetsers, J.E.W., Nöcker, E.G.M.H, Groningen, J.H.G. van, and Plasmeijer, M.J. 1991.
Generating Efficient Code for Lazy Functional Languages. In Hughes, J. ed., *Proceedings of Fifth International Conference on Functional Programming Languages and Computer Architecture* Cambridge, MA, USA, 1991, LNCS **523**, Springer-Verlag, pp. 592-617.

Smetsers, J.E.W. 1993.
*Graph rewriting and functional languages*. PhD.Thesis, University of Nijmegen, 1993.

Smetsers, J.E.W., Barendsen, E., Eekelen, M.C.J.D. van, and Plasmeijer, M.J. 1993.
Guaranteeing Safe Destructive Updates through a Type System with Uniqueness Information for Graphs. In Schneider, H.J., Ehrig, H. eds. *Proceedings Workshop Graph Transformations in Computer Science*, Dagstuhl Castle, Germany, January 4-8, 1993, LNCS **776**, Springer-Verlag, Berlin, pp. 358-379.

Standard ML 1993.
*Standard ML of New Jersey Base Environment* (version 0.93), February 1993.

Stoye, W.R. 1984.
A new scheme for writing functional operating systems. *Technical Report* ***56***, Computer Laboratory, Cambridge University, 1984.

Stroustrup, B. 1991.
*The C++ Programming Language* (2nd ed.). Addison-Wesley, Reading, MA, 1991.

Thompson, S. 1990.
Interactive Functional Programs. A Method and a Formal Semantics. In Turner, D.A. ed., *Research topics in Functional Programming*, Addison-Wesley Publishing Company, University of Kent, pp. 249-285.

Thomsen, B., Leth, L., Prasad, S., Kuo, T-M., Kramer, A., Knabe, F., and Giacalone, A. 1993.
Facile antigua release programming guide. *Technical Report*, European Computer-Industry Research Centre (ECRC), December 1993.

Turner, D.A. 1990.
An Approach to Functional Operating Systems. In Turner, D.A. ed., *Research topics in Functional Programming*, Addison-Wesley Publishing Company, pp. 199-217.

Van Dale, 1984.
Van Dale Groot Woordenboek der Nederlandse Taal, Elfde, herziene druk, 1984.

Wadler, Ph. 1988.
Deforestation: Transforming programs to eliminate trees. In Ganzinger ed. *Proceedings of the Second European Symposium on Programming*, March 1988, LNCS **300**, Springer-Verlag, pp. 344-358.

Wadler, Ph. 1990-*a*.
Linear types can change the world! In Broy, M., Jones, C.B., eds., *Programming Concepts and Methods*, Amsterdam North-Holland.

Wadler, Ph. 1990-*b*.
Comprehending monads. In *Proceedings of the ACM Conference on Lisp and Functional Programming*, Nice, ACM Press, pp. 61-78.

Webster's, 1985.
Webster's Ninth New Collegiate Dictionary, Merriam-Webster Inc., Publishers, Springfield, Massachusetts, U.S.A., 1985.

Williams, J.H. and Wimmers, E.L. 1988.
Sacrificing simplicity for convenience: Where do you draw the line? In *Proceedings of the Fifteenth Annual ACM SIGACT-SIGPLAN Symposium on Principles of Programming Languages*, San Diego, California, January 1988, pp. 169-179.

Wilson, L.B. and Clark, R.G. 1993.
*Comparative Programming Languages* (2nd ed.). Addison-Wesley Publishing Company Inc. 1993.