A Bibliography of Literate Programming

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Abstract
This bibliography records books and articles on the subject of literate programming, a term coined by Donald Knuth in [Knu84].

Title word cross-reference

= [Sar06]. 2 [Sar06]. . [Sar06].
0.87b [Brixx].
1 [CDL95, Pre95].
2 [Kre89, Pre95, Sew87a]. 21st [Ano94]. 268 [Chi92a].
3 [Ruc15].
5th [EB04, NBC92, SMEN96, USE97].
6th [Lio96].

'88 [Gia89]. 8X [AO90].
90 [AAK01]. '93 [Ost93b]. '94 [BGG+94, Pur95]. '96 [IEE96]. '97 [USE97].
Abertay [SMEN96]. Abstract [BG87].
Abstraction [SC93b, Shu93, SC93a].
Abstraction-Oriented [SC93b, SC93a].
Accept [Hüs06]. Accept-and-Reject [Hüs06]. ACM [ACM93, Ano94].
Advanced [RW96]. Agile [PKB04b, EB04].
Aid [Hur96]. ALDES [Kre89].
ALDES/SAC [Kre89]. ALDES/SAC-2 [Kre89]. algebra [Kre89, Pag07].
Algebraic [vDHK96, Gia89]. Algorithm [Hüs06].
Algorithms
developments [SW96]. dialogue [PG02].
diff [Thi89]. Difference [Thi89, VL89].
Digital [Knu99]. Discrete
[ACM93, Knu03b]. display [Sab94].
Division [Bri94]. Do [Kim97b]. doc [Ait96].
Docbook [Ano10b]. docstrip
[pt98, Lun11, MDB92]. Document
[Ano17, Kuh06, Fil08, Pre95].
Documentation [Ait96, Ano10b, BA86, Knu83a, KL93, VN02, WB89, Bal89, CS96, Ska98a, VN05].
documenting [Bal89]. documents
[Coa98a, Lei03b, Sla90]. Donald
[Ruc15, AdV00, DS94, Thi89]. Download
[Ska98c]. Drawing [Gur94, Sof97]. DSSSL
[Kim97b]. DTD [Coa98a]. Dudhope
[SMEN96]. Dundee [SMEN96]. Dynamic
[Lei02a].
econometric [MR09]. ED [Mau95].
ED-MEDIA [Mau95]. Edition [Lic96].
Editor [Mot90, Rea02b, Big99, Syr99].
Education [Joy94, Pur95, Ros96].
Educational [Mau95]. Einsatz [Sch92].
Eitan [Sof97]. electromagnetics [LLAK05].
Eleventh [IEE96]. Elucidative
[Nor99b, VN02, Nor00]. Emacs
[Chi93, MC91]. encryption [Sab94]. End
[DN07, Mac98, PG02]. End-User
[DN07, PG02]. Engaging [MM94].
Engineering [AMS97, BC90b, EB04, Ham95, Ost93b].
English [Mil94]. Enhance [PKB04b].
Enhanced [BM90]. Enterprise [RW96].
Entwurf [Kuh89]. Environment [BC87, BG92, Bro88a, BC90c, DDPA96, DPDD96, MGR96, Mot90, Nor99b, SDD12, Aki92, Hou92, KC92, MG94, Nor00, PG02, RS89].
Environments [Mit88b, Ost93a]. Equi
[Ano10c]. equations [Ram96]. Errata
[Chi92a, Knu91]. everyday [GB06].
evolution [VN05]. Example
[CH95c, CH95b, Pap90, Fil08, Knu82, QW05].
excellent [Goo07]. Executable
[Bal89, Wai93]. Expanding
[BC87, Ham88, VHC88]. Experience
[RB98]. Experiences [Thi86]. Experiment
[Ost93a]. experiments [NTW91].
Explaining [Thi86, Roy06]. Expressions
[Ham88, Ram98, VHC88]. Extensible
[Mot90]. extension [AAK01]. extensions
[Bec86]. Extreme [EB04].
F2X [Don01b, Don01a]. F95 [Don01b].
Factors [BM90]. fifth [Joy94]. Figlet
[Ano10a]. File [Thi89, VL89]. First
[Lin89a, Ros96]. Fixed [Knu82, Knu91].
Fixed-point [Knu82, Knu91]. Florida
[Sit96]. FORTRAN [BA86]. formal
[SBR94, SW96]. Formalization [And02].
format [BP93, Kuh06]. formatter
[vAK92a, vAK92b]. FORTTRAN
[AAK01, AOA0, BA86]. Fourth
[Sit96, ACM93]. Framework
[Ano17, Zuk97, MR09]. Frameworks
[Ano98]. Free [Ano10a, Ano10b]. Freetype
[Ano10a]. functional [GS05, PL92].
FunnelWeb [Coa98a, Wil92, Wil00].
funnelweb.dtd [Coa98a].

Gaithersburg [IEE96]. Garmisch [EB04].
Garmisch-Partenkirchen [EB04].
Generalized [Ham88, VHC88]. Generating
[Ait96]. Generation [Lei02a]. geometric
[MN99]. Germany [EB04, FG96]. GIPSE
[PG02]. glue [Knu82, Knu91]. GNU
[Chi93, MC91, Ano10b]. Good [SC94].
GraphBase [Knu93b, Knu93c]. Graphite
[Ano10a]. Grenzen [SD95]. Groff
[Ano10c, Ano10a]. Gurari [Sof97].

hashing [Sab94]. Hawaii [IEE90]. headers
[pt98]. held [NBC92]. Human [BM90].
Hypermedia [Mau95]. Hyperstructure
[Ost93a]. Hypertext
[DDPA96, DPDD96, Ost93b, Ost95, SP92, BC90a, Car95, Cze90, Ost93c, Par96].

National [IEE96]. Need [Ram92, Ram91]. nonlinear [Ram96]. Notation [Wit96a, Wit96b, Wit96c]. November [Ost93b, Pur95]. Noweb [Ano10c, Kyr95, Ano10a, Mac98, Jj97]. Nroff [Ano10c]. Numerical [Don01a, Don01b]. Nuweb [Bri93, Brixx].

Object [MM94, LLAk05]. Object-Oriented [MM94, LLAk05]. odfWeave [Kuh06]. OOP [Don01a]. open [Pag07, Kuh06]. Operators [Ram98, Ram96]. Oppermann [Kro90]. ordering [Sab94]. Oriented [MM94, SC93b, LLAk05, Sh93, SC93a]. Orlando [Sit96]. Ossanna [Ano10c]. Otago [Pur95]. Outlines [Rea02b]. output [Sab94].

Bri93, Bri96a, Bri96b, Bri96c, Bri96d, Brixx, Bro88a, BC90c, BC90d, BC90e, Chi92a, Chi92b, Chi92c, Coa98b, CH95a, CH95b, CB91, Cov98, Den87, DS97, Dic93, DN07, Dwe90, Gur98, Ham88, HS98, Hen97, Hur96, Jac87, JJ97, KC02, Kim97a, Kim97b, Kna96, Knu83b, Knu84, Knu92, Lec85, Lee94, LH07, Lev87b, Lev93, Lin89a, Lin89b, MM94, MGCR96, Mot90, Nor99a, Nor99b, OC88b, Oma93a, Ost95, Pap90, PKB04b, RM91b, Ram92, Ram94b, Rea02a, Ron05, Ruc15, RB98, SP92, SD95, Sch92, SDDD12, Sew89, SC93b, SC94, ST90, SM93, SM96, Swa98, Thi84, Thi86, Tum89b, VHG87, VJ87, VHC88, VL89, VR89, Van90a, Vec17, Wit95. Programming [Wit96a, Wit96b, Van90b, vA90, vAK92a, And02, AAK01, Bro88b, BC90a, BC90b, BW91, BP93, CM92, CS96, Chi10, Dug93, Dun95, EB04, Fox90, FG96, Gur90, GW90, GW91, Han95, Hol03, Hou92, HK91, HK92, KY95, LLA95, Mah96, Mit88a, Moo03, MP96, MG94, NSW93, Nor90, OC88a, Ost93c, PH90, Par96, PG02, PKB04a, Pre95, QW90, Ram88, Ram91, RM91a, RS89, Sab94, Sah02, Sei09, Sha04, Shu93, SC93a, SS91b, SS91a, Tum89a, Wit96c, Wu90, Zen91, vAK92b, van95, Bir92, Fra97, Kuh89, Soi90, DS94]. Programs [BM90, BA86, DPPA96, DPDD96, Knu94, Roy06, Sen92, SS92]. Project [RM91b, RM91a, BW91, PG02]. Projekten [Sch92]. proofs [SBR94]. Propaganda [Lee94]. Prototyping [vDHK96, Cze90]. pseudocode [Roy06]. publication [Thi03]. Python [Zuk97].

Quality [SMEN96]. quantum [QW05]. quaternion [AAK01]. query [Cze90]. Queue [Pap90].

R [Sar06, Fil08, GB06, Lei02b, Rac12].

REFERENCES

Version [Brixx, KL93]. via [Fil08]. View [Chi92a, Chi92c]. views [JAC94]. Vignettes [Lei03a, Lei03c]. Visualization [BDM97]. volumes [Ruc15]. Vorschläge [Sch92]. vs [Kro00].

WA [Ost93b]. Weave.jl [Pas17]. Weaving [Ram89, Sew89, VR89, Van90a]. WEB [SD95, MC91, Chi93, BK86, Chi92b, Kre89, SS92, VR89, Van90a, Nor99a, Th86, BK86, Knu82]. Web-mode [MC91, Chi93]. WEB/Modula [Kre89]. WEB/Modula-2 [Kre89]. Webless [Fox90]. Werkzeuge [SD95]. Werkzeuge [Kuh89]. Wide [Nor99a]. without [NSW93]. Wizard [Sp91]. Words [VHG87, BK86]. Work [RW96, Sei09]. Workshop [BN93, IEE94, Ost93b, USE97, Lin92]. Work [Mau95, Nor99a]. Write [DPD96, DPDD96]. Writing [Wu90, GW90, GW91].

Xindy [Ano10c]. XLISP [Lum98]. XLISP-Stat [Lum98]. XML [Coa98a, Coa98b, Cov98, Dwe00]. XP [EB04].

Yacc [SM96]. Yacc/Lex [SM96]. years [Chi10].

Z [BN93, Nor93, Sen92]. Zealand [Pur95]. zum [Kuh89].

References

Atlamazoglou:2001:ALP


Advogato:2000:IDK


Appelt:1986:MCW


Aitken:1996:AGJ


Aki92


Al-Maati:1997:ILP

REFERENCES

Anderson:2002:FLP

Anonymous:1994:PAA

Anonymous:1998:SFL

Anonymous:2010:FTS

Anonymous:2010:SDL

Anonymous:2010:TNJ

Anonymous:2017:SUD

Avenarius:1990:FLP

Ben-Ari:1986:FTD

Ballard:1989:DTD
F. Ballard. ‘executable’ documentation: testing the documentation documenting the testing. In Conference proceedings / SIGDOC
REFERENCES

10


[Beck:1987:ERT]

[Brown:1990:HLP]

[BC90a]

[Brown:1990:IEL]

[BC90c]

[BC90d]
REFERENCES


[Big99] Peter A. Bigot. Letters to the Editor: Comment on Spaniel paper.


Baecker:1986:DPE


Baecker:1990:HFT


Bowen:1993:ZUW


Bzyl:1993:ALP


Briggs:1993:NSL


Hansen:1994:MLD


Briggs:1996:LPA


Briggs:1996:LPSa


Briggs:1996:LPSb


Briggs:1996:PLPb

REFERENCES


[CDL95] Bart Childs, Deborah Dunn, and William Lively. Teaching CS/1 courses in a literate manner. TUGboat, 16(3):300–309, September 1995. ISSN 0896-3207.
REFERENCES


[Chi93] Bart Childs. GNU Emacs reference card (with web-mode). ftp.cs.tamu.edu:/pub/tex-web/web/docs, Texas A&M University, College Station, TX, USA, 1993.


links to other literate-programming-in-SGML documents and software packages.


[Dun95] Deborah Lynn Byrum Dunn. *Literate programming as a mechanism for improving problem solving skills*. Thesis (Ph.D.), Texas A&M University, Department of Computer Science, College Station, TX, USA, 1995. xiii + 268 pp.


announcement: “...this book is an example of a 'literate program.' Like \TeX: The Program by D. E. Knuth (Addison-Wesley, 1986), this book is lcc's source code and the prose that describes it. The code is presented in the order that best suits understanding, not in the order dictated by the C programming language. The source code that appears on the diskette is extracted automatically from the book's text files. ... The distribution is available via 'anonymous' ftp from ftp.cs.princeton.edu (128.112.152.13) in the directory pub/lcc. ... Additional information about lcc and about our book is available on the WWW at URL http://www.cs.princeton.edu/software/lcc.”.


REFERENCES


REFERENCES


Hendseth:1997:LPC

Hatzigeorgiu:1998:LPS

Hylands:1997:TUI
Christopher Hylands, Edward A. Lee, and H. John Reekie. The Tycho user interface system. In USENIX [USE97], pages 149–??

Holub:1990:CDC

Holmes:2003:CPP

Husing:2006:ARA

Hurst:1996:LPA

Hyman:1990:LC

IEEE:1990:PTA
IEEE, editor. Proceedings of the Twenty-Third Annual Hawaii International Conference on System
REFERENCES

20

Sciences. IEEE Computer Society Press, 1109 Spring Street, Suite 300, Silver Spring, MD 20910, USA, 1990. 4 vol.

IEEE:1994:PIT


IEEE:1996:CPE


Jackson:1987:LPP


Jones:1994:RVP


Johnson:1997:LPU


Johnson:1996:LS


Joyce:1994:PTS


Kortright:1992:CCT

REFERENCES


[1982] Donald Knuth. Technical report STAN-
REFERENCES

CS-83-981, Stanford University, Department of Computer Science, 1983.

Knuth:1984:LP


Knuth:1986:MP


Knuth:1986:TP


Knuth:1986:CMT


Knuth:1991:FPG


Knuth:1992:LP


Knuth:1993:LM


Knuth:1993:SGPa


Knuth:1993:SGPb

interpreted by machines. In these essays/programs, Knuth makes new contributions to the exposition of several important algorithms and data structures.

**Knuth:1994:MIL**


**Knuth:1999:DT**


**Knuth:2000:SPA**


**Knuth:2003:SPC**


**Knuth:2003:SPD**


**Kre89**


**Krommes:1990:FKV**

[John Krommes. FWEB (Krommes) vs. FWEB (Avenarius and Oppermann). *TExhax*, 90(19), February 1990.]

**Kuhlmann:1989:EIW**


**Kuhn:2006:SOD**


**Kyriazopoulos:1995:ILP**

[Evan Kyriazopoulos. Introduction to literate programming using noweb. *SunOpsis: The Developer Support Centre Newsletter*,]
REFERENCES


Lecarme:1985:LP


Lee:1994:LPP


Leisch:2002:SDG


Leisch:2002:SPM


Leisch:2002:SUM


Leisch:2003:PP1


Leisch:2003:SBC

REFERENCES


[LLAK05] D. G. Lymperopoulos, D. Logothetis, P. Atlamazoglou, and D. L. Kaklamani. Using object-oriented and literate-programming techniques for the development of
REFERENCES


Mark B. Motl and Bart Childs. A user’s manual for GNU Emacs’ webmode. ftp.cs.tamu.edu:/pub/tex-web/web/docs, Texas A&M University, College Station, TX, 1991.

Frank Mittelbach, Denys Duchier, and Johannes Braams. The docstrip program. Technical report, Universität Mainz, Mainz, Germany, 1992. The doc system is a literate programming facility used for much of the \LaTeX Project software development.
REFERENCES


[Mor96] A. P. Moore and C. N. Payne, Jr. Increasing assurance with literate programming techniques. In

Meredith:2009:TRE


Noye:1992:CTA


Normington:1993:CZ


Normark:1999:PW


Normark:1999:REP


Normark:2000:REP


Naevae:1993:APT

[NSW93] P. Naevae, B. Strohmeier, and P. Wolf. APL programming without tears to it is time for a change. APL Quote Quad, 24(1):185–189, August 1993. CODEN APLQD0. ISSN 0163-6006. International Conference on APL.

Naevae:1991:HMT

[NTW91] P. Naevae, D. Trenkler, and H. P. Wolf. How to make the teaching of statistics roar. some thoughts on


[Oman:1988:PPS]


[Oman:1988:PST]


[Oman:1990:BPI]


[Oman:1990:TSM]


[Oman:1988:TA]


[Osterbye:1993:HEW]


[Osterbye:1993:LSP]


[Osterbye:1995:LSP]

Pappas:1990:LPR


Parker:1996:LPU


Pastell:2017:PWJ


Pepper:1991:LPD


Pfa:2004:IBS


Patry:2002:EUP


Palmer:2009:RLP


[Rac12] Jeffrey S. Racine. RStudio: A platform-independent IDE for R and
REFERENCES


REFERENCES


[RF97] Norman Ramsey and Mary F. Fernández. Specifying representations of machine instructions. ACM Transactions on Programming Languages and Systems, 19(3):492–524, May 1997. CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic). This article was written using the noweb literate programming system.


REFERENCES

2006. CODEN ????. ISSN 1531-4278.


REFERENCES


REFERENCES

March 1995; revised and extended January–March 1996; revised 19 March 1996.

Sperberg-McQueen:1996:SYL


Samson:1996:PSQ


Sofka:1997:WTT

Michael D. Sofka. Writing with \TeX, and \LaTeX \& \LaTeXe: Drawing & Literate Programming, by Eitan M. Gurari. TUGboat, 18(1):37–38, March 1997. ISSN 0896-3207.

Sametinger:1992:HSL


Spivak:1991:LWM


Smith:1991:ABLa


Smith:1991:ABLb


Smith:1992:MCS


Snelting:1990:PTS


Simons:1996:ALS

M. Simons and M. Weber. An approach to literate and structured

**Swaine:1998:PPL**


**Syropoulos:1999:LER**


**Thimbleby:1984:LPC**


**Thimbleby:1986:ELP**


**Thimbleby:1989:RDC**


**Thimbleby:2003:ECP**


**Tung:1989:SMLa**


Tung:1989:SMLb


USENIX:1997:ATT


Ammers:1990:LPV


Ammers:1992:VTL


vanAmmers:1992:VTL


VandenBosch:1990:WPL


Wyk:1990:LPA


vanLeeuwen:1995:LPC


Deursen:1996:LPA


vAK92a, vAK92b
the chapters in this book are literate programs.

**Vee:2017:CLH**


**VanWyk:1988:LPE**


**VanWyk:1987:LPPa**


**VanWyk:1987:LPPb**


**VanWyk:1989:LPF**


**Vestdam:2002:AIP**


**Vestdam:2005:TDP**

REFERENCES


REFERENCES

