A Bibliography of Publications about the *Java Programming Language*, 2010–2019

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA
Tel: +1 801 581 5254
FAX: +1 801 581 4148
E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)
WWW URL: http://www.math.utah.edu/~beebe/

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Abstract

This bibliography records books about the Java Programming Language and related software.

Title word cross-reference

3 [GBC12, JEC+12, ZXL16]. \( T_P \) [LTK17].  
\( C_p \) [AÖ11]. \( k \) [SD16b, SGG+17]. \( Z_p \) [AÖ11].

-safety [SD16b].

/multi [Taf13]. /multi-threaded [Taf13].

'12 [Hol12]. 12th [Fox17a].


27th [KP15].

5 [KHR11].

6 [Jen12].

7 [Ano15, EV13, J+12]. 75 [HWM11].

8 [LYBB14, SAdB+16, UFM15].

938 [Gun14]. 978 [Ano15].

978-1-4493-1103-2 [Bro12]. 978-1-4919-4946-7 [Ano15].

Abbreviated [SRTR17]. ABS [SAdB+16].
absence [AGH+17]. Abstract
[AGR12, BDT10, DLR16, XMA+14, DLM10, DLR14, FSC+13, KMMV14]. Abstraction

[BW12, Bro12, GY16, SKKR11, PL12, ZMG+14, ZFK+16]. Abstractions

[NYS12, RFBJ14, UR15, SP+10]. accelerated [PQTGS17]. Accelerating

[KMZN16, ZLB14]. accelerator [OIA+13]. accelerators [PWA13]. Access

[CSGT17, HBT12, TT11, BB17, KT14, MHM10, RHN+13, XHH12]. accessibility

[VBMDP16]. Acculock [XXZ13]. accuracy

[MDHS10]. Accurate

[Jaf13, RRB17, ZBB15, XXZ13]. ACDC

[AHK+15]. ACDC-JS [AHK+15]. across

[DD13, DFR13, HLSK13]. action

[KB17, UFM15]. Actor [RCB17]. actors

[Sub11]. Ada [Car11, Sch10a, WCB16]. adaptable

[AD1I3]. adaptation

[VBAM10a]. Adapter [SK12]. Adaptive

[AFG+11, IHWN12, NFV15, RKK+17, CL17, PKO+15, PDPM+16, VBAM10b]. add

[DLM10]. adding [MZC10a]. addressing

[VBMDP16]. Adequate [GGZ+15]. ADiJaC [SD10a]. Adoption [PBMH13].

[Hor11, VBAM10a, Jen12]. Advanced

[FF10]. Adversarial [FF10]. Aegis

[Nil12a]. Æminium [SNS+14]. affects

[LO15]. affordable [BM14]. Agent

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[Ahead [BLH12, JMB12]. Ahead-of-Time

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[MvDL12]. Ajax-Based [MvDL12].

[Lei17]. algebras

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[NS12]. alike [DAA13].

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[AL}. always [AJL16].

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[Ser13, GN16, MP10]. analyzing

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[CSl16, GBS14]. announcement

[SPA10]. anomalies [FRM+15]. answering

[KM10]. any [FFF+15]. anytime

[STCG13]. anywhere [STCG13]. AOP

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[Sta10]. Apple [Aoo13]. Application

[BH12, CCA+12, KFL11, RDPC12, SWF12, AYZI10, AAB+10, AÔ11, FRGPLF+12, HWLM11, OUY+13, SE12, WAB+11, XHH12, HD17]. Application-Replay

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[GMPS12, GD12, MAHK16, MvDL12, NKH16, NBW+15, OwKPM15, SLE15, WBA+11, AM17, AST+16, AC16, AMWW15, AD13, ABFM12, DSEE13, BOF17, BBX13, EABGAM14, GMA+13, HLO15, JH11, MTL15, MZC10a, MZC10b, PLR14, PKC+13, RHS15, R+13, RVP11, RW17, Ryu16, Sch10b, SAD+16, SGV12, SPP+10, TWX+10, WHIN11]. applying

[CMM17]. Approach

[BDT10, DLPT14, KKW14, ADI13, CHM13, DHM+12, HLO15, HD17, J+12, MZC10a, PWS11, RVP11, RO12, SNS+14].
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[CJ17]. check [GvRN+11]. Checking
[BNE16, Cho14, JC10, JYKS12, ABFM12, BHSB14, BNS12, CVG+17, DLM10, FLL+13, HMDE12, KATS12, KvRHA14, LT11, RR14, RAS16, RDF15, TVD10, VYY10].
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[FMBH15]. CHERI [CDG+17]. chip
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City [Hol12]. Class [BS13, NCS10, HC10, HM10, SC16, TSD+12]. Classes
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[VD17, GGC18, LZY16, TMLM13].
cloud-based [GGC18]. clustered
[PDP+16]. clusters [TTRT11]. Cocoa
[Sta10]. Code [BH17, BNE16, HC11, RV15, SRTR17, SV15a, SED14, AGR17, AK13, CCFB15, DRN14, FH16, FMS+11, LG10, NG13, OJ12, PMP+16, PSW11, RFRS14, RV16, RO12, UTO13, VSG17, WK17, WGF11, WAB+11, WAB+11, WWS13, ZHL+12, ZXL16, ZWSS15].
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[BZD17, WGF11]. collected [AGGZ10].
collecting [AHK+11]. Collection
[ASV+16, GM12, QsAS+16, BP10, BOF17, KPHV11, KBL14, NGB16, OD15, PZM+10, PDP+16, SP10a, SBM14, Sie10, SJBL10.
D [GBC12, JEC+12, ZXL16]. DAA [DR10]. Data
[Bra14, BMOG12, BA17, GI12, GTS+15, GT10, DFT10, NWB+15, dMRR12, BK14, 
BB17, BOF17, BBX13, BJBK12, CRP+10, DFR13, DHM+12, FOPZ14, KB17, LDL14, 
MRA+17, NL14, SAdB+16, SSG+14, SGG+17, UMP10, WJK17, WCG14, XXZ13, 
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[NKH16, CRP+10]. database
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[ASdMGM14, BM14, KS14, TB14, ZFK+16].
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[DRN14, RSI12, FOPZ14, MME+10].
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[NS12]. Definition [SSB14b, AK13, SSB01].
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Deoptimization [KRCH14]. Dependence 
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[CHJ12, LE16]. deploying [R+13]. depth 
[Rau14]. Design [AC16, ETTD12, MLGA11, 
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Device [TTD+11, XHH12]. Devices
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[KHR11, RO12, SC16]. DSU [PVH14]. Dual
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[AGM+17, ABMV12, ASF17, CHMY15, MvDL12, PTHH14, RDF15, XMA+14, ZKB+16, AF12, DBB11, BK14, BCD13, BOF17, CSV15, CPST15, ELW15, GYB+11, HB13, KRC14, KRR+14, KT14, LWH+10, LG10, MKZ+14, Nil12b, NG12, NED+13, RLBV10, RCR+14, RRB17, SR14b, SJP10, SH12, TPG15, VBAM10b, WXR16, WBA+11, WAB+11, WWS13, WWH+17, ZBB15]. dynamic-memory [GYB+11].
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[GK15, MKTD17]. expressive
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[XHI12]. Facebook
[Ano13]. Facets
[ASF17, AF12]. facilities
[BVGVEA1F11]. FAD.js
[BB17].
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[Ame13]. family
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[RvB14]. feature
[AH10, KvRHA14, OJ12]. feature-based
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[NED+13, NG13, WM10].
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[NED+13, NG13, WM10]. fields
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[QSaS+16]. filtering
[HWI+12]. find
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[XMA+10]. Fine
[BVGVEA1G11, DRN14]. fine-grained
[DRN14]. Fingerprints
[MSSK16]. Finite
[BLH12, MB12]. Finite-State
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ground [EV13]. Growing [EK+12]. growth [LDL14]. guarantees [JWM15, ZHC15].
GUI [CNS13, VGS14, WBA+11].

Guided [CNS13, GY16, PSNS14, SSH17].

Guidelines [GGZ+15, HSK13].
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[happened [Han15], happens [TD15], happens-before [TD15], hard
[LTK17, Pu13], Hardware
[SKKR11, SPS17, CBGM12, IN12, SE12], hardwired [OUY13], hash
[SV15a, SV15b], hash-array [SV15b], hashing [GRF11], HDFS [IRJ+12], HDL
[OUY13], heap [CSV15, LDL14, TLX17, Tar11, VYY10,YS10, BVGVEA10], heap-manipulating [YS10], Helping
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[KT15], higher-order [KT15], highly
[BP10, SPP+10], history [DRN14], hit
[Ano13], Hoare [SD16b], hole
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[SP16], hosted [CBLFD12], hot
[LKM16], HotSpot
[Sch13, BO17], HotWave
[ABMV12, VBAM10b], HPC [JQJ+16], HTML
[Sta10], HTML5
[HLO15, NKK16, Ano15], Hunting
[GCC18], HVM
[LTK17], Hybrid
[CHM16, JQJ+16, MOJ14, KCD12, VDV17, ZMM14, ZMM+16, AD13, HYG12, SWB+15], Hybris
[VDV17], hypervisor
[GMC+13], IaaS
[ZLHD15], identification
[BZD17, FSM+11], Identifier
[SRTR17], identifiers
[FMS+11], Identifying
[IN12], if
[Han15], illuminating
[BK14], Image
[WN10], immutability
[HMDE12, ZPL+10], immutable
[SV15b], impact
[CMS+12, Gra15, HWLM11, WKJ17], imperative
[RFRS14], implement
[HdM17], Implementation
[GPT12, HM12, OA17, VG16, YP10], implementations
[CSS+16, OJ12], Implementing
[FF17, GM12, WCB16, EEE+13, FBH17, PMP+16], implications
[BRGG12], implicit
[IvdS16, SPAK10], imply
[BRGG12], Improve
[QS+16], Improved
[KRR+14, UY10, OJ12, XHH12], Improving
[AC+14, HWT+12, TWSC10, eBH11, UTO13], in-depth
[RAu14], in-place
[DVL13], incremental
[DS16, EL15, UY10], independent
[IF16], industrial
[CJ+10], inefficiently-used
[XR10], inefficiently
[XR10], Inference
[BO13, YHY13, AGG12, CG+16, HMD12, Zha12], inferring
[AS14, BENS12], InfiniBand
[ETTD12, IRJ+12], infinite
[ASaM13], Inflow
[ZMM+16], influence
[MHR+12], Informa
[HA13], Information
[AS17, HBS16, KHL+13, RKN+18, SS12, AF12, ABFM12, BVGVEA11b, CMS+12, RRB17], Information-flow
[HBS16], infrastructure
[NG12], Inheritance
[LN15, WT11, AST+16, GBS13, NSS10], Initial
[LTD+12], initialization
[AM17, MME14], Initiation
[FFR12], Injecting
[ZK+13], inline
[DJLP10], Inlining
[BA12, HWM13], insecure
[YW13], Insight
[VF10], instanceof
[SMS+12], Instant
[MHBO13], instantiation
[AST+16], instead
[AGH+17, BTR+13], instrumenting
[CZ14], Integrated
[Tar11, YP10], integrating
[SPP+10], integration
[AME13, HKV14, Sch10a], integrity
[HDK+11], intelligence
[JACS10], Intelligent
[PAu14], intensive
[SAD+16], inter
[CMM17], inter-language
[CMM17], Interacting
[SK13], Interaction
[WT11],
interactive [AMWW15, JH11, MCY+10].

J [KMLS15]. J2M [LZY16]. J2ME [GPT12]. J2ME-Enabled [GPT12]. JaCie [KS14]. Jalapeno [AFG+11]. JAMES [DDDF17]. JaSTA [HD17]. JaSTA-2 [HD17]. Java [Bro12, Fox17a, HW11, HTW14, Sch13, VK12, AÖ11, KvGS+14, PQTGS17, SAdB+16, AsdMG14, AST12, AFGG11, AYZI10, AS14, AAB+10, Alt12, Ame13, AdCGGH16, AT16, And14, Ano12, Ano13, ABMV12, AGR12, AGR17, ABCR10, ADI13, ABFM12, AK13, BK12, BH17, BM14, BH12, BDT10, BVGEA10, BVVEA10, BVGV11a, BVGV11b, BVGV13, BVG14a, BVG14b, BSi2, BMDK15, BO11, BO12, BO13, BCR11, BDGS13, BCD13, BD17, BRGB12, B1vdS17, BR12, BR15, BB12, BNP11, BW12, BA12, BZD17, BSOG12, BO17, BJBK12, CIAD13, CZ14, CMM17, CWW13, CV14, CCFB15, CRJ+10, CSK17, CCH11, CJ17, CDD+17, CS11, CCA+12, CRAY10, DJLP10, DDD17, DLM10, DLZ+13, DVL13, DR10, DHS15, DJB16, DMS11, ECS15, EKEK+13, ES14, EQ10, Eq11]. Java [EABVGV14, Evg13, EV13, ET12, ETR+15, FRGPLF+12, FGR12, Fer13, FFF17, FLL+13, FHSR12, Fox17b, FMS+11, GMPS12, GyV+11, GYB+11, GM12, GBS14, GD12, GBC12, GS11, GSI2, G11, GMC+13, GT10, GJS+13, GJS+14, G17, GPT12, G15, G13, HD17, HD18, Has12, HWM10, HWM13, HWM14, HA13, HM12, HTLC10, HKVG14, HH13, HOKO14, HGCA11, Hor11, Hor12, HC13, HC10, HWL11, HJ12, IHN12, IN12, IF16, JC10, JEC+12, JQ1+16, JLL17, Jen12, JB12, JYSK12, JTO12, JH11, J+12, JMB12, JMO4, KHR11, KHM+11, KMLS15, KS13, KW10, KW11, KM10, KSR14, KSPK12, KS14, KF11, LTD+12, LMK16, LSW16, LLL13, LT11, LT14, LZYP16, LYBB13a, LYBB13b, LYBB14, Loc15, LMS+12, LIO15, LPA13, LWC17, LTK17, LS11, Ly12, MKZ+14, MS13, MME+10]. Java [MLGA11, MDS+17, MCC17, MP15+15, MZ10b, MTD17, MH10, MA12, MB12, MCM+10, MS10, MT14, MDHS10, NM10, NCS10, NS12, N12b, NG13, Oak14, OOK+10, OMA+13, OUY+13, OW16, OJ12, OCFL14, PS11, PML11, PML14, PTHH14, PL12,
PilCH11, PBMH13, PPMH15, PMP+16, PQD12, PVH14, PTF+15, PS10, PDPM+16, PSQL11, PuF13, PKC+13, QLBS17, RD15, RDCP12, RTE+13, RTET15, RR14, RS12, RHT13, R+13, RBL12, RAS16, RSI12, Rey13, Rezi2, RVP11, RB15, RvB14, SSB+14a, SE12, SRTR17, SS12, Sch14, Sch13, Sch10a, SPPH10, SKKR11, SDH+17, Sch10b, SSMDG10, SZ10, Set13, SMSB11, SMS+12, SDM12, SW12, SGV12, SKBL11, SD16a, SJP510, SLS+12, SKR17, SS14, SP10b, SMP10, SPP+10, SWB+15, SSB01, SSB14b, SPS17, SSG+14, STS+13, Sve14].

Java [SWF12, TRTD11, TTD+11, TTD12, TRE+13, TLL11, TWX+10, TWHN12, TGZ17, TDL+15, UR15, UFM15, VSG17, VGRS16, VBDP16, VBMPS16, VGSI4, VBAM10a, VBAM10b, VBA11, WFG11, Wam11, WZdsOS17, WBM+10, WK12, WCB16, WN10, WRI+10, WHV+13, WHN11, WBA+11, WAB+11, WWS13, XH12, XR13, Xue12, YP10, YKM17, YDFF15, ZldVS17, Zak12, ZP14, ZLCW14, ZHL+12, ZXL16, ZKB+16, ZWS15, ZPL+10, ZDS14, dCMMN12, dMRH12, eBH11, hED12].

Java-Based [AFGG11, SLS+12, SWF12, CJ17, HOKO14, JMO14, KS13, KS14, MB12, MCY+10].

Java-compatible [ABCR10]. Java-like [BDGS13, BCD13, DJLP10, SZ10].

Java-to-HDL [OYU+13].

Java-to-JavaScript [LSW16].

Java.utils.Collection.sort [dGRdB+15].

Java/JSP [Sch10b]. JavaBean [MZC10a].

JavaBIP [BMSZ17]. JavaCC [GN16].

JavaCOP [MME+10]. JavaAdaptor [PKC+13].

JavaFX [Top11].

JavaGI [WT10, WT11].

JavaScript [Ano15, Ric14, AMT17, ACS+14, AHK+15, AGM+17, AMWW15, BCF+14, BBP13, Ccc11, CGJ+16, CVG+17, CBLFD12, Cho14, CHJ12, De10, Dei11, DcSG12, DFHF15, FMM+11, FM13, FH16, FBH17, FSC+13, FZ17, FOPZ14, GMS12, Guo17, HyG12, Hav11, HBS16, HLSK13, HHSS13, HCL1, KR12, KSW+14, KRH16, KTL14, Ker15, KFBK+15, Kie10, KBL14, KARO12, Kri12, LSWM16, Ler10, LVG10, LPGK14, Liu14, LML17, MTL15, MLT17, MPS12, MGL17, MHL15, MRMV12, Mi13, MM12, NKH16, PL14, PS15, PDDD17, PKO+15, Rau14, RLBV10, RGEV11, RHN+13, RW17, Ryu16, SMN+18, Sev12a, Sev12b, SDC+12, Sta10, Ste10, SR17, SFR+14, TT11, VM15, VB14b, Wal12, WX16, WY13, Zak10, KCD12, Mei14].

JavaScriptCore [Piz17].

JaVerT [SMN+18].

JAWS [POK+15].

J BullsTrace [CZ14].

J CloudScale [ZLHD15].

JCMC [dCMMN12].

JCSI [ABFM12].

JCS [WB+10].

JDiffraction [PQTS17].

JDM [ZP14].

JEqualityGen [GRF11].

JET [LT11].

JGRIM [MZC10b].

Jinn [LWH+10].

JIT [BBF+10, BB17, CMS+12, HWM14, IHWN12, JK13, NED+13, RSB+14, WJK17, ZY+12].

JIT-based [BB17].

JITs [KRCH14].

jMarkov [CRAT+12].

JML [CRJ+10].

JNI [CDG+17].

Journey [Ryu16].

joy [FH11].

JP2 [SSB+14a].

JPC [CMM17].

JQuery [AM14, PIR17].

JR [OW16].

JR-like [OW16].

JRE [CZ14].

JS [AHK+15].

Js_of_ocaml [VB14b].

JSART [MM12].

JSetsL [RB15].

JSON [BB17].

JSormdb [Dei10].

JTabWb [FFF17].

JTRES [HTW14].

JTRES2011 [RHT13].

JTRES2013 [Fox17b].

JTRES2014 [Fox17a].

Just [DLR16, KHL+13, LMK16, MGI17, TTS+10].

Just-in-Time [DLR16, KHL+13, LMK16, MGI17, TTS+10].

JVM [AC16, AFG+11, CSS+16, Guy14, MS10, PVH14, R+13, RRB17, SV15b, Sub11].

JVMs [BK14, ZY+12].

K-Java [BR15].

kernel [HDK+11].

Key
Mathematical [BW12]. MATLAB [Alt12, FPH17, PMT14, VF10, Has12].
mechanical [ZZK13]. mechanisms [IvdS16]. mastering [Sub11].
Mathematical [BW12]. MATLAB [Alt12, FPH17, PMT14, VF10, Has12].
mechanical [ZZK13]. mechanisms [IvdS16]. mastering [Sub11].
Mathematical [BW12]. MATLAB [Alt12, FPH17, PMT14, VF10, Has12].
mechanical [ZZK13]. mechanisms [IvdS16]. mastering [Sub11].
[ASV+16, CCH11, MKG+17, SE12, SSMGD10, TWX+10]. multilevel [JK13].
multiphase [GvRN+11]. Multiplatform
[ZKB+16]. Multiple
[AF12, ASF17, HLSK13, CSV15, DD13].
multiplexing [BVGVEAFG11].
Multiprocessing [VS14].
multiprocessor [PS10, PWA13, SPS17].
Multiprocessors [KW11, RS12].
Multithreaded
[KKW14, SR14a, BNS12, DJLP10, Fer13].
Multithreading [CCH11]. multivariate
[AÖ11]. MusicalityJS [RCR+14].
Mutagenic [YCYYC12]. mutants [FRC+17].
mutators [AHK+11]. MySQL
[Ano15].

Names [SRTR17]. Native
[JQJ+16, LT11, LT14, KFB+15, STS+13].
Natural [LL15]. naturalness [HBG+16].
NDetermin [BENS12]. nested
[CHM16, ZLB+13]. Netflix [Liu14].
network [GGC18, RR14]. Networking
[Hol12]. Networks [AGG11, ETR+15].
neuromorphic [HTL12]. next [CRJ+10].
NG2C [BOF17]. Nixon [Ano15]. No
[BVGVEA10]. No-Heap [BVGVEA10].
NoCs [PWA13]. Node [HC11, BBJK12].
Node.js [BSBM16, MTL15, Ano14]. nodes
[DRN14]. Nominal [B013]. Non
[BVGVEA11b, BSOG12, GGZ+15, TD17,
YKM17, MZC10a, OMK+10, ZP14].
Non-Adequate [GGZ+15].
non-cache-coherent [ZP14].
non-equivocation [TD17].
Non-functional [BVGVEA11b].
non-intrusively [MZC10a]. Non-Java
[YKM17, OMK+10]. Non-termination
[BSOG12]. Nonblocking [RTET15, SP10a].
Nondeterministic [RB15, BENS12].
noninterference [IF16]. NoSQL
[DFR13]. Notation [Sev12a]. Novel
[NK10, MZC10b]. November [Hol12].
Novice [BA17]. Novices [RT14]. null
[AT16]. NullPointerExceptions [BSOG12].
NUMA [GTS+15]. NumaGiC [GTS+15].
number [PPMH15, SLF14]. Numbers
[Jaf13, AJL16, Wal12]. Numerical
[KS15, KFBK+15, PQTGS17]. NXT
[SWF12].

Obfuscated [KCD12]. obfuscation
[CCFRB15]. obfuscations [SK17]. Object
[CSGT17, GS11, NBW+15, PTHH14,
PilCH11, Sev12a, SW12, AST+16, BZD17,
DDDF17, FMBH15, IviS16, MME14,
MHBO13, RDF15, UJR14, VM10, WM10,
ZCdSOvdS15, Zha12, ZDS14, hEYJD12].
Object-Bounded [NBW+15].
object-constraint [FMBH15].
Object-Oriented
[GS11, PTHH14, AST+16, DDDF17,
MHBO13, VM10, ZDS14, hEYJD12].
Objective [Sta10]. Objective-C [Sta10].
Objects [BS12, RKN+18, MHL15, SK13,
WXR16, BVGVEA10]. Observations
[AAB+10]. OCTET [BKC+13]. odeToJava
[KS15]. offloading [ZHL+12]. on-demand
[ZHL+12]. on-the-fly [UJR14]. ones
[AST+16]. Online
[NG13, GGC18, HCV17, NK10]. only
[NM10]. Ontology [KSPK12]. OoOJava
[JhED11]. Open
[BSA14, GD12, CJ17, VGRS16].
Open-Source [BSA14]. OpenJDK
[CHM16, dGRdB+15]. OpenMP [VGS14].
OpenMP-like [VGS14]. operating
[HDK+11]. operation [KKW11].
operations [TABS12, TGZ17]. Operator
[PQD12]. opportunities [TPG15].
Optimal [AD16, SK12, ELW15]. optimale
[Sch13]. optimisation [PS16]. optimistic
[WGF11]. Optimization
[LTD+12, YKM17, AFG+11, BDB11,
DDDF17, JMO14, KS13, KC12, NG12].
Optimizations [DR10, BB17, CPST15,
DS16, NG13, SAD+16]. Optimizing
[SV15b, YRHLB13, HW+15, KRH16,
MD15, ZLB14]. optimal [CMS+12].
Oracle [LMS+12, Sam12]. ORB [OY+13].
Order [SGD15, JhED11, KT15, TD15].
ordering [KC12]. Orders [BNE16].
orinary [MZC10a]. O'Reilly
[Ano15, Bro12]. Oriented [ABMV12, GS11, AST+16, DDDF17, EABVG14, MHBO13, PTHH14, RVP11, VM10, VBA10b, WBA+11, ZDS14, hEYJD12]. OSck
[HDK+11]. OSGi [BVGVEA13]. OSS
[ZMM+16]. other [KSI3], out-of-order
[JhED11]. output [KM10]. Over-exposed
[VBOP16]. overhead
[BCR13, ZHCB15, ZFK16]. Overloading
[PQD12], overview [Nil12b]. own
[MPM+15]. Ownership
[ZPL+10, BDCS13, DDM11].

PaaS [ZLHD15]. Package
[SLS+12, CRAT+12, MB12, OW16, AK13].
Packages [PilC11]. panic [Ano12].
Paper [DDDF17, PDP+16, SV15a].
Papers [DVL13, HL13, LMK16, Puf13].
Parallel
[DS16, Esq11, LLI13, MKG+17, NKh16, QSa+16, RD15, RS12, BP10, BP13, BSM16, CRP+10, NG12, NG13, PPM15, SIE10, SZ11, TTD12, Taf13, VYY10, WN10].
Parallelisation [GS11]. Parallelism
[NKh16, BENS12, HHS13, MZC10a, RSHD15, TWL12, ZLB+13].
parallelization [SS16, YRHB13].
parallelize [LPA13]. Parallelizing
[NKh16, hEYJD12]. parameters [GBS14].
Parametric [AGGZ10, PULO16, UTO13].
Part [KP15]. Par'Tejas [MKG+17]. Partial
[CSK17, JB12, SGD15, BS13, MD15, TD15, WGF11, WWH+17]. Partial-Order
[SGD15, TD15]. Partially [BLH12, BCR11].
Partitioning [AD16, BS12]. party
[FOPZ14, LVRG10]. passing
[ETTD12, TRTD11, TTD12, UR15]. Path
[SGD15, DD13, HHS13, SMP10].
path-length [SMP10]. Path-Sensitive
[SGD15]. Pathfinder [RR14]. pattern
[GS+15, SAoB16]. patterns
[BVGOEA11b, Ste10]. PayPal [Ano14].
PCR [YECY12]. PCR-RFLP [YECY12].
PE [JB12], PE-KeY [JB12]. application
[LBFD12]. C [NED+13]. HTM [CHM16].
join [MZC10a]. JSP [Sch10b].
multi-threaded [Ta13]. perceptible
[JH11]. Perfect [SLE+17]. Performance
[CCH11, DR10, GBC12, Hol12, HJ12, MSM+16, Oak14, OCFL14, QSa+16, TRE+13, TPG15, THC+14, WN10, ACS+14, AAB+10, BRGG12, BRWA14, CBGM12, Dei11, GSS+16, HW+12, IRJ+12, JH11, ODL15, PSNS14, SE12, TTD+11, TXW+10, WHIN11, WWH+17, Zak10].
performance-guided [PSNS14].
permission [HBT12, SNS+14]. permits
[PPS16]. Perspective [YH13]. pervasive
[MHH10]. PHALANX [VYY10]. phase
[KC12]. phase-ordering [KC12].
phoneME [RDCP12], Phosphor [BK14].
PHP [Ano15, TTS+10], physics [JEC+12].
pickler [MHH10]. pickles [MHH10].
pipeline [LPA13]. pipelines [CRP+10].
Pivot [AD16]. place [DVL13]. Plan
[DLZ+13]. Platform
[AFGG11, PE11, BD17, CRJ+10, GMC+13, MKZ+14, PWA13, YP10]. Platforms
[DR10, Has12, BP10, JMO14, KSR14].
PLDI [FLL+13]. pluggable [MME+10].
Point [Jaf13, AJL16]. pointer [TL17].
Pointers [RKN+18, AT16]. Points
[BK12, SDC+12, DHS15, SBK13, TLX17].
Points-To
[SDC+12, DHS15, SBK13, TLX17]. Policies
[FHSL12, MPS12, BVG14a]. policing
[DW10]. policy [JK13]. polyglot [EV13].
Polymorphic [Zha12]. polymorphism
[GMT14, PULO16, UTO13]. POPL
[BC13]. Popular [HAS12].
Popular-but-Seemingly-Dissimilar
[Has12]. portable [LTK17, RGM13]. portal
[MCY+10]. Power [MV16, Pau14, BRGG12, CBGM12, THC+14]. pp. [Bro12]. PQL
Practical [AMT17, JACS10, SLES15, VS10, WWH+17, FIF+15, WT10].

Practice


Programs [AGR12, BH17, BR12, BMOG12, GS11, JB12, LTD+12, SS12, SDM12, SR17, ZLCW14, ASDMGM14, AdCGGH16, BA12, BNS12, DJLP10, ECS15, ES14, EP14, Fer13, HL13, IN12, LO15, LPA13, MRMV12, NG12, OJ12, PL12, RR14, SAS16, RLBV10, SMS+12, SZ11, SJPS10, SHU16, Tat13, YS10, dCMNN12, hEYJD12]. progress [Siel17, ZHCB15]. Project [Wan11].


R [KMMV14, NL14, SLS+12, Vit14]. Race
[EP14, RD15, AMT17, EQT10, HHB+14].

race-aware [EQT10]. races
[FF10, WCG14, XXZ13]. Racket [YK14].

racy [SRJ15]. Range [BS12]. rapid
[PWA13]. raw [HH13]. rays [SFB+10].

RCDC [DNB+12]. RDMA
[ETR+15, IRJ+12]. RDMA-based
[IRJ+12]. RDMA-enabled [ETR+15]. relocating
[NCS10]. re-location [NCS10].

Reachability [NS13]. reactive [BCvC+13].

read [NM10]. read-only [NM10]. Reading
[Jaf13]. ready [RHS15]. Real
[BVEAGVA10, BBB+17, Fox17b, HTW14, KW11, Nil12a, Pau14, SLES15, SLE+17, VK12, BCR13, BVGVEA10, BVGVEA11a, BVGVEA11b, BVGVEA13, BVGV14a, BVGV14b, CRAJ10, DW10, EABVG14, Fox17a, GCM+13, HTLCl0, KHM+11, KPHV11, Kvbs+14, KW10, KSR14, LTK17, MDS+17, PS10, PZM+10, PSW11, Puf13, RHT13, SP10a, Sic10, SPS17]. Real-Time
[BVEAGVA10, BBB+17, Fox17b, HTW14, KW11, Pau14, SLES15, SLE+17, VK12, Nil12a, BCR13, BVGVEA10, BVGVEA11a, BVGVEA11b, BVGVEA13, BVGV14a, BVGV14b, CRAJ10, DW10, EABVG14, Fox17a, GCM+13, HTLCl0, KHM+11, KPHV11, Kvbs+14, KW10, KSR14, LTK17, PS10, PZM+10, PSW11, Puf13, RHT13, SP10a, Sic10, SPS17]. real-time [OYU+13].

Reasoning [LN15, ABK+16, MIT17].

Recal [BlvdS17]. recipes [J+12].

recompilation [NED+13]. Reconfigurable
[OYU+13, STY+14, OIA+13].

reconstruction [LSWM16]. Recovering
[CRAJ10]. Reducing [MV16, WHIN11].

Reduction [BO12, TD15]. redundant
[HLO15]. Refactoring
[AS14, ZHL+12, FMM+11, FM13].

Reference [Sch14, UJR14, HMDE12].

refinement [GY16, JLP+14, KSW+14, ZMG+14, ZFK+16]. Reflexes [SPP+10].

regions [AC10]. register [ZY+12].

register-based [ZY+12]. Regression
[MM12]. regular [PIR17]. reification
[RRB17]. Reified [GBS14]. Reim
[HMDE12]. RemInfer [HMDE12].

relation [TD15]. relational [MLGA11].

relationship [SH12]. relaxed
[DNB+12, KHL+17, PPS16].

relaxed-memory [KHL+17]. Release
[Ano14]. reliability [HWLM11]. relying
[IN12]. Remodularizing [OJ12]. Remote
[BVGVEA10, BVGV14a, BJBK12, GSD+15, BVGVEA1F11]. removal
[MRMV12, WGF11]. removing [PLR14].

rename [FM13]. repair [MDS+17, SHU16].

repeatability [Vit14]. replacement
[BCD13]. Replay [BH12]. replication
[CJ17, UY10]. replication-based [UY10].

report [CBLFD12, Sch10a]. Reports
[OW16]. repository [HC10].

reproducibility [Vit14]. reproduction
[SIR14b]. requirements [AGGZ10].

ResAna [KvGS+14]. Research
[SR17, TRE+13, CRJ+10, CBLFD12, Rub14, VBMD16, Vit14]. Resource [BVGV14a, ADI13, ES14, KvGS+14, KSR14, SGS12]. resource-aware [SGV12]. resource-based
[ADI13]. responsive [SPP+10].

responsiveness [PSNS14]. restart [CN13].

Retention [ZMM+16]. Rethinking
[Xue12, CRC+14]. retrofitting [TTS+10].

retrofitting [LPK14]. reusable
[HC10, MME14]. reuse [WR10]. Reverse
[CCA+12]. Review [Ano15, Bro12].

Revisited [Mei14, Goni11]. rewriting
[HLO15]. RFID [AYZI10]. RFLP
[YCYC12]. richer [CV14]. rigor [Vit14].

Rigorous [AGR17]. risk [MPM+15]. River
[HHIS13]. RJ [OW16]. Road
[RXK+17, SWU+15]. Robin [Ano15].

Robotic [LM15]. Robots [SWF12].

Robust
[VM15, VDV17, MKZ+14, SGV12, VM10].

row [Lei17]. row-typed [Lei17]. RTSJ
[ZW10]. Rubah [PVH14]. rule [QLBS17].

Rules [CCA+12, HLO15]. run [WAB+11].
run-time [WAB+11]. Running
[HC11, TXW+10, YK14]. runs [FIF+15].
Runtime
[BLH12, MAHK16, MSS10, NWB+15,
OCFL14, XMA+14, BRGG12, EQT10,
GTL+10, GSS+16, LMK16, MS10, OOK+10,
PKC+13, RO12, STY+14, TWS10,
VBM10a, YRHL13, dCMMN12].
runtimes
[BM14, CSV15, RCR+14, WWH17].
Safe [Eug13, GvRN+11, JTO12, MPS12,
RSF+15, SWB+15, WAB+11, HJS+10,
HAW13, KHR11, KMLS15, KCP+17, Loc13,
RDP16, WWS13]. Safety
[RS12, SDH+17, WCB16, ZLCW14, AGR17,
GMC+13, Nii12b, PG12, SD16b, Taf13,
YS10, CWW13, HL13, LWC17, WK12].
Safety-Critical [WCB16, ZLCW14, RS12,
SDH+17, AGR17, CWW13, LWC17].
Salespoint [ZDS14]. Salt [Hol12].
SAM [BO13]. San [KP15]. Sane [MPS12].
Satin [VWJB10]. SAW [CFH+13]. Scaffold
[RT14]. Scala [SMS+12, AT16, Hni13,
Lew13, PTML11, SMSB11, SMS+12].
Scala-Based [PTML11]. Scala.js [DS16].
Scalability
[CCH11, AAB+10, DSEE13, GTSS11].
Scalable
[BBB+17, BS12, DFR13, GGRSY17, HC11,
JQJ+16, RKK+17, RTE+13, XMA+14,
ETTD12, FC11, GGRSY15, NFV15, PIR17,
RTE15, TTD12]. ScalaLab
[PTML11, PMTL14]. scalar [PQTGS17].
Scale [BA17, PE11, DHS15, LO15, MDS+17,
MCY+10, PTF+15, WHIN11].
SCEL [DLPT14]. scenarios [AMMW15, Sch13].
Scheduler [QSaS+16, IF16, TWL12].
scheduler-independent [IF16].
Scheduling [ASV+16, BVEAGVA10,
KPHV11, EP14, EABVG14, ZW10].
scheme [XHH12]. SCHISM [PZM+10].
Science [HWM11, VF10, SVG12]. sciences
[NL14]. Scientific [Esq11, PTML11, WN10,
FRGPLF+12, PMTL14]. scientists [Bra14].
SCORM [HC10]. Scrap [ZCdS0vdS15].
Script [MSSK16]. Scripting
[CGST17, KKK+17, HBT12, KRR+14,
PMTL14, Zha12]. SE [LYBB14]. Seamless
[OwKPM15]. Search [SED14, DDDF17].
searching [ETR12]. Second [HD17].
secrets [Alt12]. section [DTLM14].
sections [NM10]. Secure [GMPS12, GM12,
ABFM12, LMS+12, TLMM13]. securely
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HBS16, JWMC15, MCC17]. Seemingly
[Has12]. selection [WHIN11]. Self
[MPS12, hED12, AHK+11, AGH+17,
CBLFD12, HWW+15, MD15].
self-collecting [AHK+11].
self-composition [AGH+17]. self-hosted
[CBLFD12]. self-optimizing
[HWW+15, MD15]. self-stabilizing
[hED12]. Semantic [GGRSY17, RVb14,
BNS12, GGRSY14, GGRSY15, OA17].
Semantics [BO12, BR15, Kri12, LML17,
SPY+16, AK13, FHB17, FZ17, KLH+17,
Mil13, MT14, PSR15, PPS16, ZHCB15].
Semantics-based [SPY+16].
semantics-preserving [AK13]. Semi
[FM13, MRMV12]. semi-automated
[MRMV12]. Semi-automatic [FM13].
Sensitive [SGD15, HWM13, LMK16].
separability [WRJ+10]. Separating
[DDM11, AC10]. separation [TWSC10].
sequence [ZWZ+14]. Sequent [FFF17].
sequential [BENS12, DMS11].
serialization [MHBO13]. Seriously [Kie10].
Server [HC11, KRH16, D’H12, Dei11,
HWLM11, R+13]. Server-Side
[HC11, KRH16, D’H12]. Service
[BVEAGVA10, SDM12, EABVG14,
HWLM11, KF11]. service-oriented
[EABVG14]. services [MZC10b]. Session
[FRG12]. Set [SBK13]. Set-based [SBK13].
sets [SP10b]. setters [MII13]. setting
[BDGS13]. Settings [GM12]. ShadowVM
Slicing [SED14, FMBH15], solving [PKO+15].

Sizing [AST12, UTO13].

Short [AHK+11, SV15a, Zak12], short-term [AHK+11], shortcut [CSGT17].

Side [HC11, D’HI2, KRH16].

SIGCSE [Wal12]. Signatures [DR10].

Significance [FMS+11], simPA [RVP11].

Simple [BO11, BO12, KCP+17, BVGV14b, MSM+10]. Simplicity [Dei11].

Simulating [LM15].

Simulation [HWLM11, KKW11, ZXL16].

Simulation-based [HWLM11].

Simulations [MCY+10]. Simulator [MKG+17, RXK+17]. single [JK13].

Sinking [CDG+17], site [CPST15, SSB+14a]. sites [OOK+10]. size [AST12, UTO13]. sizing [CSV15]. skills [JACS10].

Slicing [XMA+14]. Slimming [WGF11].

Smaller [GS12]. smalltalk [FIF+15, HVG14]. Smart [GMP12].

Smartcard [RBL12]. SMARTOp [TGZ17].

Smartphones [RT14]. SMARTS [RXK+17].

Snippets [AST12]. SNP [YC12].

SoC [TKL+15]. social [GGC18]. soft [JACS10].

Software [BBA14, Wan11, YQT15], BMSZ17, BTR+13, CBGM12, CFH+13, CJ17, DVL13, FRIGPL+12, FC11, HBG+16, JD11, LPA13, MHR+12, NG16, OLA+13, RAS16, SV17, X1R3, YRHBL13, ZKK13, ZHCB15, ZDS14].

Solidity [Dan17]. Solution [KS15, J+12].

Solving [SED14, FMBH15]. Sound [BO13, BGK17, LE16, BSH14, ELW15, PPM15].

soundly [BS13].

Source [BSA14, GD12, SRT17, SED14, AK13, CJ17, DRN14, FMS+11, OJ12, PMP+16, ZWS15].

source-to-source [AK13]. sources [IN12].

sparse [TGZ17]. sparse-matrix [TGZ17].

spatial [MLG11, Speaking [Rau14, Sam12].

Special [DVL13, Fox17a, HLI3, HGCA11, Puf13, HTLC10, RHT13, HTW14, VK12].

specialization [KRR+14, SV15a]. specific [CSdl16, EFK+13, HWW+15].

Specification [GJS+13, GJS+14, IF16, KW11, LN15, LYBB13a, LYBB13b, LYBB14, TNH12, BVGV11a, BCF+14, KR12, KW10, MRA+17, YP10, dCMNN12].

specifications [BEN12, TVD10]. specified [BCR11].

Specifying [BNS12, HL13].

Speculation [AC16, MG17]. speculative [BB11, YR13]. speed [HRS+17, SBF+10, UTO13].

SPIN [ASdMG14]. SPL [BAM+13]. splittable [SL14].

SPOON [PMP+16]. spot [LMK16].

SPUR [BBF10]. SQL [KML15].

SqueakJS [FIF+15]. SSNTDs [VSG17]. Stability [BSA14, LL15].

stabilizing [hED12]. stack [KRCH12]. stack-based [KRCH14].

stage [WRI+10]. staged [SC16].

standard [RO12]. standard [LS+12].

Standardization [TWNH12]. StarL [LM15].

State [AGR12, BLH12, MvDL12, MS14, GN16, YP10]. state- [YP10].

statecharts [MS13]. statement [PLR14, ZWS15]. statements [PLR14].

Static [BGK17, BNE16, JC10, MTL15, ODL15, PiLCH11, RD15, SW12, SH12, AM14, CGJ+16, Fer13, FLL+13, IF16, KSW+14, LS11, MHR+12, PIR17, TLMM13].

statically [BTR+13, NED+13]. statistical [Bra14, ZFK+16]. statistically [PPMH15].

statistics [HCN14].

stealing [KFB+12, TW12]. STM [CM16, Sub11].

STM/HTM [CM16]. stochastic [CRAT+12]. stock [PVH14].

Stop [LWB+15]. Storage [Hol12, VDV17]. Store [BS12, Sta10]. stores [DFR13].

Story [Ano14]. strategic [BMR14]. strategy [PDP+16].

Stream [KBPS17, MV16, BRWA14, SSG+14].

streaming [MRA+17, STCG13].

StreamJIT [BRWA14]. StreamQRE [MRA+17]. streams [SGG+17, UFM15].

Study [ZMM+16, BRGG12, CCFB15, CJI7, ECS15, KFBK+15, MHR+12, NCS10, OMK+10, PTF+15, SH12, VBMP16, WX16, YW13]. style [UFM15]. substitute [PPMH15].

substrate [GTL+10]. subtypes [HL13].

Subtyping [LN15]. suite [SMSB11, BB12].

Suites [GGZ+15]. Summaries [BH17].

Superblock [KS13]. Supercharged [Ceci11, GBS13].

Superposition [RRB17]. supervenience [Rez12].

Support [CSGT17, KKK+17, RKN+18, BVGVEA13, DVL13, GMC+13, Hos12, NGB16, SMN+12].

supported [FMM+11]. Supporting [LVG10]. Surgical [RSB+14]. suprise [FMBH15].

Survey [AGM+17, BCvC+13].

SurveyMan [TB14]. surveys [TB14].

suspension [TWL12]. sweeping [KBL14].

Sweeten [DFHF15]. Swift [ZYZ+12].

SWIM [Sch10a]. symbol [Tar11].


Synchronized [BG17]. Synchronized-by-Default [BG17].

Synchronous [BVEAGVA10, SK12].

syntactic [LE16, QLBS17]. Syntax [SS13, KMMV14].

synthesis [SR14a, STR16, SS16]. synthesizable [ABCR10]. synthesizer [OUY+13].

Synthesizing [GK15, SR15, LWH+10].

System [BO13, KCD12, MAHK16, ACS+14, AYZI10, AGR17, BDB11, ELW15, HA13, HDK+11, HWLM11, KR12, MS10, STY+14, TLL11, Nil12a]. systematic [TD15].

Systems [BG17, BSA14, BNE16, CCH11, DLPT14, Fox17b, HTW14, JMB12, LM15, RTE+13, SLES15, SLE+17, AT16, DW10, FH16, Fox17a, HD17, HWI+12, HTLC10, LPGK14, LTK17, MHR+12, MAH12, OIA+13, PDPM+16, RHT13, SDH+17, SSMGD10, SH12, TTD12, TX+10, THC+14, UIY10, Vit14, YRHBL13, VK12].


Tableau [FFF17]. Tagged [RKN+18]. Take [Kie10]. Taking [SWU+15]. Tales [Sew12].

talk [Piz17, Sic17]. Taming [TLL11, SC16].

Tardis [BM14]. task [Fee16, TWL12, ZLB+13].

TaskLocalRandom [PPMH15]. tasks [HAW13, PPMH15, SPP+10]. Taurus [MAHK16].

Taxonomy [SS14]. Teaching [HA13, SWF12, CHM13, ZDS14]. teasing [LBF12].

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technology [NED+13]. TeJaS [LPGK14].

Template [MM14, HJS+10]. templates [FOPZ14, AK13].

Terminating [FFF17]. Termination [BMG12, RDPC12, BSOG12, SMP10].

Test [AGM+17, BB12, GGZ+15, PSNS14, SR14a, SKR17]. tested [Mii13].

Testing [Ame13, BR12, Hin13, MM12, CSS+16, CNS13, Ler10, TD15].

tests [AO11, NYS12, SR15].

Textbooks [BNP11]. their [RDP16]. theorem [SSH17].


Third [Ane15, FOPZ14, LVG10].

third-party [FOPZ14, LVG10]. THOR [TXW+10].

Thoth [KB17]. thread [BKCI+13, CRAJ10, MGI17, PCL14, PG12, SS10, YDF15]. thread-level [MGI17].

threaded [DSEE13, JTO12, SE12, TaF13].

threads [UR15]. Three [ZMM+16, Vit14].

TigerQuoll [BBP13]. Time [BVEAGVA10, BBB+17, BLH12, DL16, Fox17b, HTW14, JMB12, Kie10, KW11, Pan14, SLES15, SLE+17, VK12, BCR13, BM14, BVGVEA10, TB14].

Three-Party [FOPZ14, LVG10]. THOR [TXW+10].

Thoth [KB17]. thread [BKCI+13, CRAJ10, MGI17, PCL14, PG12, SS10, YDF15]. thread-level [MGI17].

threaded [DSEE13, JTO12, SE12, TaF13].

threads [UR15]. Three [ZMM+16, Vit14].

TigerQuoll [BBP13]. Time [BVEAGVA10, BBB+17, BLH12, DL16, Fox17b, HTW14, JMB12, Kie10, KW11, Pan14, SLES15, SLE+17, VK12, BCR13, BM14, BVGVEA10, TB14].

usage [PTF+15, QLBS17]. Use
[BGK17, Guy14, MPM+15, AMWW15, MKTD17, PBMH13, Sch13]. use-case
[AMWW15], used [XR10], useless
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[ASdMGM14, BS12, BSA14, BNE16, DLM10, HCN14, KFBK+15, MV16, MSSK16, Pau14, PQD12, SDM12, SLE+17, UMP10, Wan11, XMA+14, YCYC12, BB17, DDDF17, FH16, FOPZ14, GBS14, IvdS16, KMLS15, KT14, KC12, LVG10, Lew13, LD14, NIR17, RAS16, SAdB+16, SSH17, SHU16, VGS14, WBM+10, WRI+10, XR13]. UT
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v [Sam12]. V8 [MG17]. Validating
[HLSK13]. Validation
[SSB14b, CSdL16, HCV17, SSB01]. Value
[BBB+17, DFR13]. variables [NS13]. Verifiable [FHSR12]. Verification
[KKW14, KP15, RAS16, SS12, SSB14b, CHMY15, DLM10, HCV17, PSW11, SMN+18, ZS11, SJS10, SSH17, SSB01, dCMMN12]. verification-validation
[HCV17]. Verified [HM12, JLP+14]. Verifier
[BDT10, Rev13]. verifiers
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[LM15, YS10, SD16b]. version
[FC11, HD17, ZXL16]. vertical
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[BZD17, LYBB13a, LYBB13b, LYBB14, LTK17, PTH14, PQD12, SSD+14a, Sch13, Set13, SMSB11, SVG12, SBB10, SBB14b, UR15, Ame13, CBLFD12, KRCH14, NK10, Piz17, RC17, SSMGD10, WGF11, WHV+13]. virtualized
[HOKO14, MHM10]. virus
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[MCY+10]. WebAssembly
[HRS+17]. WebCL
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[KCD12]. well
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[CIAD13, McK16, STH+13]. Worst
[SPPH10, dGRdB+15]. Worst-case
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