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

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Abstract

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

Title word cross-reference

3 [DiP18b, FLZ+18, GBC12, JEC+12, ZXL16].

\( TP \) [LTK17]. \( C_p \) [AÖ11]. \( K \)

[PLL+18, SD16b, SGG+17]. \( Z_p \) [AÖ11].

-\( \text{core} \) [PLL+18]. -\( \text{safety} \) [SD16b].

/\( \text{multi} \) [Taf13]. /\( \text{multi-threaded} \) [Taf13].
Abbreviated [SRTR17]. ABS [SAdB+16]. absence [AGH+17]. Abstract
[AGR12, BDT10, DLR16, XMA+14, DLM10, DLR14, FSC+13, KMM14, NSDD17].
Abstraction [BW12, Bro12, GY16, SKKR11, PL12, ZMG+14, ZFK+16].

Abstracts
[NYCS12, RFBJ14, UR15, SPP+10]. accelerated [PQTGS17]. Accelerating
[KMZ16, ZLBF14]. accelerator [OIA+13]. accelerators [PWA13]. Access
[CSTGT17, HBT12, TNTN12, BB17, KT14, MHH10, RHN+13, XHH12].

Accessibility [STST12, 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 [ADI13]. adaptation
[VBAM10a]. Adapter [SK12]. Adaptive [AFG+11, IHWN12, NFV15, RXK+17,
CL17, PKO+15, PDP+16, VBAM10b]. add [DLM10]. adding [MZC10a].
addressing [VBMDP16]. Adequate [GGZ+15]. AdiJaC [SD16a]. Adoption
[PBHM13]. Advanced [Hor11, VBAM10a, dJM18, Jen12].

Advances [FHP+12]. Adversarial [FF10]. Aegis [Nil12a]. Aëminium [SNS+14].
affects [LO15]. affordable [BM14]. Agent [AFGG11, PE11, RVP11]. Agent-Based
Ahead [BLH12, JMB12]. Ahead-of-Time [JMB12]. Aided [KP15]. air [PPS16]. Ajax
[MvDL12]. Ajax-Based [MvDL12].

algebraic [Lei17], algebras
[IdvS16, ZCdSOvdS15]. Algorithm [YC12, ZW13, Gun14]. Algorithmic
[FHP+12]. Algorithms [GT10, Gra15].
Aliasing [NS12], alike [DAA13].
Allocation [CPST14, CPST15, OOK+10]. allocation-site-based [CPST15]. Almost
[NWB+15, SC16]. alternatives [SHU16].
Alting [WBM+10]. always [AJL16].

Analyses
[Kri12, HD13, KMZN16, PMP+16, ZMG+14].

Analysis
[AGM+17, CPV15, Hol12, KCD12, MvDL12,
NS12, RDCP12, SGD15, SW12, SDC+12,
SLES15, SLE+17, SR17, ZKB+16, AM14,
Bra14, CFH+13, DHS15, GYB+11, HCN14,
HWLM11, KSW+14, KT14, KvG+14,
LSBV16, LSBV17, LT14, MTL15, MKZ+14,
MCC17, MB12, NSDD17, NS13, PIR17,
Pu13, RLVB10, RR17, SPP10, SMM11,
SBK13, SP10b, TL17, TWX+10, TLMM13,
TL17, TPG15, ZMNY14, ZWSS15].

Analytics [BBB+17, KB17, STCG13].
analyzer [Jer13, GN16, SMP10].
Analyzing [PLL+18, BTR+13, PSNS14].
Android [CNS13, STY+14, THQ+14,
ZHL+12, ZKB+16]. Ann [Csd16].
annotation [CV14, KATS12]. annotation-based [KATS12]. annotations
[Csd16, GBS14]. announcement
[SPAK10]. anomalies [FRM+15].
answering [KM10]. any [FF15]. anytime
[STCG13]. anywhere [STCG13]. AOP
[WAB+11]. AOT [WK17]. Apache
[CJ17, FRM+15]. apart [FJ12]. API
[FH16, MPM+15, TWH12, YKSL17].
APIs [HBS16, RDP16, Sam12, VM10]. App
[Sta10]. Apple [Aon13]. Application
[BH12, CCA+12, KF11, LZ12, RDC12,
RLMM15, SWF12, AZII10, AAB+10, AÔ11,
FRGPLF+12, HWLM11, LBF12, OUY+13,
SE12, WAB+11, XHH12, HD17].
Application-Aware [LZ12].
Application-Replay [BH12].
Applications
[GMPS12, GD12, MAHK16, MvDL12,
MMP15, NK16, NBW+15, OwKPM15,
SLES15, WBA+11, AMT17, AST+16, AC16,
AMWW15, ADI13, ABFM12, DSEE13,
BOF17, BBXC13, EABGV14, GMC+13,

Asynchronous


[BH12]. conquer [SBF+10]. Consequences [OBPM17], conservative [SBM14].
Consistency [CS+16, DN+12, FRM+15, ZBB17], consistent [BCR13], constrained [KSR14].
constraint [FMBH15, SHU16]. Constraints [SGD15, LSSD14].
construction [CIAD13, RGEV11].
constructors [MME14]. constructs [PCL14, PTF+15]. consumers [DAA13].
Context-sensitive [HWM13], Contextual [MSSK16]. Continuously [DTLM14].
Contracts [YQTR15, HBT12, KT15, KK11].
Control [FRG12, FHSR12, TTI11, TNTN12, AdCGGH16, FWDL15, LSWM16, RHN+13, STS+13, TABS12, XHH12]. controlling [BKC+13, YDFF15]. Convention [Hol12].
Correctness [LL15, BENS12, Cho14].
Correlation [SDC+12, XHH12].
CP1 [PDD+17], CPU [PKO+15].
Crawling [BMSV18, MvDL12]. creating [HC10, VBAM10b]. Creation [SK12]. crisis [AT16].
Critical [HL13, WK12, WCB16, ZLCW14, AG17, DTLM14, GMC+13, NM10, Nil12b, RS12, SDH+17, CWW13, LWC17]. Cross [MDM17, AMWW15, BKC+13, GSS+16, KMZ+16]. cross-cutting [AMWW15].
Cross-language [MDM17, GSS+16].
cross-program [KMZ+16], cross-thread [BKC+13]. Crowdsourcing [BH17].
CrowdSummarizer [BH17].
Cryptography [GPT12]. CSS [Ano15, HLO15, Sta10]. Curve [GPT12].
customizations [LGV10]. customized [HB13]. cutting [AMWW15]. Cyclic [BMOG12, RS12].

D

[DiP18b, FLZ+18, GBC12, JEC+12, ZXL16].

DAA [DR10]. Data [Bra14, BMOG12, BA17, GM12, GTS+15, GT10, NKH16, NBW+15, NBW+18, TAF+18, dMRH12, BK14, BB17, BOF17, BBX13, BJB12, CDTM10, CRP+10, DFR13, DHM+12, EKUR10, FOPZ14, KB17, LDL14, MRA+17, NL14, SADB+16, SSG+14, SGG+17, UMP10, WK17, WCG14, XXZ13, XMA+10, ZIvdS17].
data-centric [DHW+12, FOPZ14].


datalog [ZMG+14]. dataset [MDS+17].

Days [Sev12b]. DBT [KS13]. dead [SK13].
deadlock [CHM15, SR14a, SR14b]. Dean [Bro12].
debugging [ASdGM14, BM14, KS14, TB14, ZFK+16].

December [LSVB17]. Deciding [SGD15].
decision [RBN16]. Declarative [DRN14, RS12, FOPZ14, MME+10].

Decomposition [AGH+17, PLL+18].
deconstructing [ACS+14]. decoupled [LPA13].
deduplication [HOKO14].

Default [BG17, SNS+14]. defects4j [MDS+17]. defined [FMS+11]. Define [NS12].

Definition [SSB14b, AK13, SSB01].

demand [FWDL15, ZHL+12].

demand-driven [FWDL15]. DemoMatch [YKSL17]. demonstrations [YKSL17].

Deoptimization [KRCH14]. dependence [LCW18]. Dependence [PDDD17, JWMC15]. Dependence-driven [PDDD17].

depend [LCW18]. Dependence [PDDD17]. dependences [BKC+13].


Detection [BH10, BSOG12, KCD12, MS14, RD15, XMA+14, AMT17, CSK17, LMK16, LS11, ODL15, PGL2, RDF15, RW17, SR14a, SR14b, SS14, WCG14, XXZ13, XR13].

detectors [LWH+10]. Determinacy [AM14]. deterministic [DNB+12, MvH15].

developer [EV13, Top11, ZZK13]. Developers [Bro12, BMR14, DBJ16, HH13, Wam11].

developing [R+13]. Development [ABK+16, AYZI10, AGM+14, BM18, FRGPLF+12, PSLW11, SKR17, SH12, WBA+11, ZDS14].

Device [TTD+11, XHZ11]. Devices [GPT12, JQY+16, MV16, ETR+15, Xue12].


Differentiation [FHP+12, PQD12, SD16a]. digital [JMO14]. dimensional [TGZ17].


Distributed [BVEAGVA10, LTD+12, LM15, MAHK16, PE11, BVGVEA10, BVGVEA11b, BVGV14b, CRAJ10, EABVG14, STCG13].

Distributing [TGZ17]. divide [SBF+10].

Do [HH13, Han15]. Does [BRGG12, Rub14]. DOJ [hEYJD12]. DOM [GGC18].

DOM-Based [GGC18]. Domain [KSPK12, CSdL16, EKE+13, HWW+15, PIR17].

domain-specific [CSDL16, EEK+13, HWW+15]. dominance [CPST14]. Doppio [VB14a].

DoubleChecker [BHSB14]. down [Ker15, ZMNY14]. df [MSM+16]. DRFX [MSM+10, SMN+12]. Driven [CCA+12, BM18, CHM13, FWDL15, MTL15, PDDD17, SR14b]. drug [EKUR10].

DSL [KARO12]. DSls [KHH11, RO12, SC16]. DSU [PVH14]. Dual [AD16]. Dual-Pivot [AD16]. Dynamic [AGM+17, ABMV12, ASF17, CHM15, MvDL12, PTHH14, RDF15, XMA+14, ZKB+16, AF12, BDB11, BK14, BCD13, BOF17, CSV15, CPST15, ELW15, GYB+11, HB13, KRCH14, KRR+14, KT14, LWH+10, LV10, MKZ+14, Nill2b, NG12, NED+13, RLBV10, RCR+14, RRB17, SR14b, SJP10, SH12, TPG15, VBAM10b, WX16, WBA+11, WAB+11, WWS13, WWH+17, ZBB15]. dynamic-memory [GYB+11].

dynamically [CZ14, CMS+12, hEYJD12]. Dynamo [BDB11].

e-Science [SGV12]. ease [DRN14]. Easy [Jaf13, CRP+10]. economic [CSV15].


Editorial [Fox17a]. Editorials [Fox17b, HTW14, RHT13]. EDSLs [RDP16].

Educator [BA17]. EE [Jen12, MCC17].

effect [CCFB15]. Effective [BM14, PTML11, RD15, CSdL16].

Effectively [UR15]. effects [FN16, HAW13, Lei17]. Efficient [DVL13, GPT12, HW11, HB13, KT14].
Efficiently [FBH17, BKC13, FOPZ14]. Einsatzszenarien [Sch13]. Einsteiger [Ric14]. Elektronik-Projekte [Ric14]. Elephant [RGM13]. Elimination [RKN18, GvRN11]. elision [NM10]. Elliptic [GPT12]. Eloquent [Hav11]. Embedded [Fox17b, HTW14, JMB12, KARO12, Pau14, SLES15, SLE+17, TKL+15, VK12, Dei10, Fox17a, GMC+13, HTLC10, KHR11, LMK16, LTK17, OIA+13, RHT15, SGV12, SDH+17, SFR+14, UIY10, Xue12, ZY+12]. embedding [KMLS15, SC16]. Empirical [LSBV16, LSBV17, SS13, WXR16, BJBK12, FH16, HH13, MHR+12, NCS10, SH12, TB17, UIY10, Xue12, ZYZ12].
extracting [Zha12]. Extensive [Wan11].
Extending CCA+12, KM10. Extremal
[LT12]. Eye [RLMM15, Guy14].
Eye-Tracking [RLMM15].

F [GMT14, TTD12]. F-bounded [GMT14].
F-MPJ [TTD12]. FAA [Sch10a].
FACADE [NW15]. face [XHH12].
Facebook [Ano13]. Facets [AS17, AF12].
facilities [BVGVEAG11]. FAD.js [BB17].
failing [STR16]. failures [CR10]. false
[HWI12]. familiarized [Ame13]. family
[KHM+11, KvRHA14]. family-based
[KvRHA14]. Fast
[CVG+17, CSGT17, HyG12, SBM14, SLF14, 
Zak18, BB17, KMMV14, KCP+17, MDM17, 
MBBO13, SV15b]. Faster
[BMDK15, JC10, AJL16]. fault [RBL12].

Faults [STR17, ZZK13]. Featherweight
[RvB14]. feature [AH10, KvRHA14, OJ12].
feature-based [KvRHA14]. Feedback
[NED+13, NG13, WM10].
Feedback-directed
[NED+13, NG13, WM10]. fields [PQTGS17].
FIFO [QSaS+16]. filtering [HW12]. find
[Ryu16]. Finding [XMA+10]. Fine
[BVGVEAG11, DRN14]. fine-grained
[DRN14]. Fingerprints [MSSK16]. Finite
[BLH12, MB12]. Finite-State [BLH12].
first [SC16, TSD+12]. first-class
[SC16, TSD+12]. fix [TPG15]. Fixing
[SRTR17, LTZ14]. flexibility [SBF+10].
Flexible [ES14, MSM+16, PKC+13, 
RH+13, BCD13, KHR11, ZW10]. Flint
[LTZ14]. Floating [Jaf13, AJL16].
Floating-Point [Jaf13, AJL16]. Flow
[ASF17, FHS12, LMK16, SS12, 
AdCGGH16, AF12, ABFM12, BK14, 
FWDL15, HBS16, KHL+13, LSWM16].
Flow-sensitive [LMK16]. FlumeJava
[CRP+10]. fly [UJR14]. folding [CPST14].
Footprint [GS12, WHIN11]. Forecasting
[CC15]. foreign [LWH+10]. forge [Ler10].
fork [MZC10a]. fork/join [MZC10a]. form
[GK15]. Formal [DLPT14, KR12, SW12, 
HdM17, PSR15, SZ11]. formalised
[CWW13]. Forsaking [GBS+13]. FORSETI
[CSV15]. Forward [MTP+14]. Foundation
[CI15]. Four [MSS10]. FPGA [OUY+13].
fragmentation [PZ10].
fragmentation-tolerant [PZ10]. fragments [OA17]. frames [JPS10].
Framework [CCA+12, FFF17, LM15, 
PWSG17, RBL12, Am13, AC16, DDDD17, 
ER14, FRRPLF+12, JEC+12, KML15, 
PKO+15, RR14, STY+14, ZW10, ZDS14].
fundamentals [PPMH15]. Francisco [KP15],
Free
[DTL14, FC11, GK15, HHH+14, NF15].
free-form [GK15]. free-lunch [DTL14].
frequency [ZWS+15]. Friendly [RBL12].
fringe [MB12, MB12]. Full
[SRTR17, DRN14]. Full-Word [SRTR17].
Fully [FSC+13, PG12, ZFK+16].
Functional [Wam11, Am13, BVGVEA11b, 
NF15, UFM15, Bro12]. functional-style
[UFM15]. functions [LSBV16, LSVB17].
Fundamentals [HC13]. Fusing
[MS13, ETR12, WM10]. fusion [KBPS17].
future [SS16]. fuzzier [Guo17].

Game [MT14, Wan11]. Gap
[PVB17, ZLHD15]. Garbage
[AS+16, BH12, GTS+15, QSaS+16, Sch13, 
SKBL11, AGGZ10, BCR13, BP10, BVGV14b, 
BOF17, GTSS11, KPHV11, KBL14, NGB16, 
PMZ+10, PDP+16, Puf13, SP10a, SBM14, 
Sle10, SJBL10, UIY10, UJR14].
garbage-collection [Sie10]. GC
[NGB16, RGM13]. GEMs [BSMB16].
generic [CHMY15, EKUR10]. generalized
[WT10]. generated [BM18]. Generating
[HJS+10, RDP16, GRF11, KS14, MBB13].
Generation [AGM+17, BH17, CR+10, 
PPMH15, PSNS14, RO12, UMP10].
generations [BOF17]. generators [SLF14].
generic
[DDM11, Fer13, HH13, ZPL+10, eBH11].
generics [AS14, Gri17, PBMH13]. Genetic [YCYC12]. Genotyping [YCYC12].
GeoGebra [ABK+16]. geosciences [MCY+10]. German [Sch13]. get [Ame13].
Google [MG17, Sam12]. GPGPU
[PQTGS17]. GPGPU-accelerated
[PQTGS17]. GPU [PKO+15]. GPUs
[Host12]. grade [CR+10]. Gradual
[RSP+15, SFR+14, TSD+12, SIC17]. grained
[DRN14]. grammars [GN16, SHU16].
granularity [CZ14]. Graph
[dMRH12, BS13]. Graphical [SLS+12].
Graphics [Cec11, LLL13]. graphs
[AdCGH16, DSE13, JWM15, PUL016].
green [BRG12]. Greenfoot [Kol10]. grid
[SV12, VWJB10, MZC10b]. Gridifying
[MZC10b]. grounded [EV13]. Growing
[EKR+12]. growth [LLD14]. guarantees
[JWM15, ZHC15]. GUI
[CNS13, VGS14, WBA+11].
GUID-awareness [VGS14]. Guide
[Ame13, Oak14, Rau14, Top11]. Guided
[CNS13, DiP18b, MMP15, GY16, PSN14, SSI17]. Guidelines [GGZ+15, HSLK13].
imply [BRGG12]. Improve [QSaS+16].
Improved [KRR+14, UIY10, OJ12, XHH12].
Improving [ACS+14, HWT+12, TWSC10, eBH11, UTO13]. in-depth [Rau14].
in-place [DVL13], incremental [DS16, ELW15, UIY10]. independent [IF16].
industrial [CRJ+10], efficiently [XR10].
Inference [BO13, YHY13, AGGZ10, CGJ+16, HYG12, HMDE12, Zha12].
inferring [AS14, BENS12]. InfiniBand [ETTD12, IRJ+12]. infinite [ASdMGM14].
Inflow [ZMM+16]. influence [MHR+12].
Informa [HA13]. Information [ASF17, HBS16, KHL+13, RKN+18, SS12, AF12, ABFM12, BVGVEAi11b, CMS5+12, RRB17].
Information-flow [HBS16]. infrastructure [NG12].
Inheritance [LN15, WT11, AST+16, GBS13, NCS10].
Initial [LTD+12]. initialization [AMT17, MME14]. Initiation [FGR12].
Injecting [ZZK13], inline [DILP10].
Inlining [BA12, HWM13]. insecure [YW13]. Insight [VF10]. instanceof [SMS5+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].
Integrity [Pau14]. Intensive [NWB+18, SAdB+16]. inter [CMM17].
interdependencies [LBF12].
Interface [Lin14, MvDL12, SLS+12, AYZI10, M1T14, LT11, LT14]. Interfaces [WT11, Cho14, DLM10, LWH+10, PSNS14, WT10].
interference [YDFF15].
International [Hol12, KP15, Fox17a] interoperability [GSS+16].
Interpretation [BDT10, DLR16, DLM10, DLR14, NSDD17].
Interpretation-Based [DLR16]. interpreter [D'H12, KMMV14].
interpreters [HWW+15, IvdS16, MD15, ZLB14].
Interprocedural [CPV15, FWDL15, ZMNY14]. Interrupting [AST12]. intersection [KT15].
intra [BBJ12]. intra-node [BBJ12].
Introducing [Dan17, DMS11].
Introduction [CIAD13, CSZ17, HTLC10, HTW14, Lew13, RHT13, VK12, Hav11, VF10].
Introductory [BNP11]. intrusively [MIZ10].
Investigation [SS13, FH16].
invited [Piz17, Sie17]. invocation [SPAK10, BVGVEAFG11]. invocations [BVGVEA14a]. invokedynamic [OCFL14].
Involvement [ZMM+16]. IP [TKL+15].
iPhone [Sta10]. IR [LSWM16]. irregular [AC16].
Isolation [ZLB+13]. Issue [DV13, HL13, HTW14, Puf13, VK12, Fox17a, HTLC10, HGCA11, RHT13].
iterations [DD13]. iterators [ZLB14].
IVE [CRJ+10]. IVPs [KS15].

Java [Bro12, Fox17a, HWM11, HTW14, MvH15, Sch13, VK12, AÖ11, KvgS+14, PQTGS17, SAdB+16, ASdMGM14, AST12, AFGG11, AYZI10, AS14, AAB+10, Alt12, Ame13, AdCGGH16, AT16, And14, Ano12, Ano13, ABMV12, AGR12, AGR17, ABCR10, ADI13, ABFM12, AK13, BK12, BHY17, BMR14, BH12, BDT10, BVGVEAi10, BVEAGVA10, BVGVEAi11a, BVGVEAFG11, BVGVEAi11b, BVGVEAi13, BVGVi4a, BVGVi4b, BS12, BMDK15, BO11, BO12, BO13, BCR11].
BDGS13, BCD13, BD17, BRG12, B1fv17, BR12, BHI10, BR15, BB12, BNP11, BW12, BA12, BZD17, BSO12, BMO12, BA17, BJB12, CIAD13, CSZ17, CZ14, CMM17, CWW13, CV14, CDT10, CCF15, CC15, CRJ+10, CSF+16, CSK17, CCH11, CJ17, CDG+17, CSdL16, CCA+12, CRAJ10, DJLP10, DDDF17, DLM10, DLZ+13, DVL13, DR10, DHS15, DJB16]. Java [DMS11, ECS15, EEK+13, ES14, EQT10, Esq11, EABVG14, Eng13, EV13, ETTT12, ETR+15, FLZ+18, FRGPLF+12, FGR12, Fer13, FFF17, FLL+13, FHSR12, Fox17b, FMS+11, GMS12, GvR+11, GYB+11, GM12, GBS14, GD12, GBC12, GS11, GS12, Gon11, GMC+13, GT10, GJS+13, GJS+14, Gri17, GPT12, GK15, HL13, HD17, HDm17, Has12, HW10, HWm13, HW14, HA13, HM12, HTLC10, HKV14, HH13, HOKO14, HGCA11, Hor11, Hor12, HC13, HC10, HWLM11, HJ12, IHWN12, IN12, IS18, IF16, JC10, JEC+12, JQI+16, JLI17, Jen12, JB12, JYKS12, JTO12, JHI11, J+12, JMB12, JMO14, KHR11, KM+11, KMLS15, KS13, KW10, KW11, KM10, KSR14, KSPK12, KD18, KS14, KF11, LSBV16, LSBV17, LTD+12, LMK16, LSW16, LLI13, LL11, LT14, LZYP16, LYBB13a, LYBB13b, LYBB14]. Java [LZ12, Loc13, LMS+12, LO15, LPA13, LWC17, LTK17, LS11, Lyo12, MKZ+14, MS13, MME+10, MLGA11, MDS+17, MCC17, MPM+15, MZC10b, MKTD17, MM16, MMH10, MAH12, MB12, MCM+10, MSL10, MV15, MT14, MDHS10, NM10, NCS10, NS12, Nl12a, Nl12b, NG13, Oak14, OOK+10, OKM+10, OIA+13, OUY+13, OW16, OJ12, OFCLI4, PSL11, PLL+18, PTML11, PML14, PTHH14, PL12, PILCH11, PBM13, PPMH15, PPMH15, PQD12, PVH14, PTF+15, PS10, PDPM+16, PSW11, Puf13, PKC+13, QLBS17, RD15, RDCP12, RT+13, RTET15, RR14, RS12, RHT13, R+13, RBL12, RAS16, RSI12, Rey13, Rez12, RVP11, RLMM15, RB15, RV14, SBB+14a, SE12, SRT17, STST12, SS12, Sch14, Sch13, Sch10a, SPPH10, SKKR11, SDH+17, Sch10b, SSMGD10, SZ10, Set13, SMSB11, SMS+12, SDM12]. Java [SW12, SG12, SKBL11, SD16a, SJP10, SLS+12, SKR17, SS14, SP10b, SM10, SPP+10, SWB+15, SB101, SB14b, SPS17, SSG+14, STS+13, Sve14, SWF12, TRTD11, TTD+11, TTD12, TRE+13, TLL11, TXW+10, TF14, TW12, TNT12, TG17, TLL+15, U15, UFO15, VSG17, VGR16, VBDPM16, VBM16, VGS14, VBM10a, VBA10b, VBA11, WGF11, Wam11, WZD1S17, WBM+10, WK12, WCB16, WN10, WRI+10, WHV+13, WHN11, WBA+11, WAB+11, WWS13, XHH12, XR13, XMD+17, Xue12, Y10, YKM17, YDFF15, Zkd17, Zak12, ZP14, ZLCW14, ZHL+12, ZXL16, ZKB+16, ZWS15, ZPL+10, ZDS14, dCMN12, dMRH12, eBH11, eHD12]. 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 [OUY+13]. Java-to-JavaScript [LSW16]. Java.utils.Collection.sort [dGRd15]. Java/JSP [Sch10b]. JavaBean [MZC10a]. JavaBIP [BMSZ17]. JavaCC [GN16]. JavaCOP [MME+10]. JavaAdaptor [PKC+13]. JavaFX [Top11]. JavaGI [WT10, WT11]. JavaScript [Aon15, Ric14, AMT17, ACS+14, AHK+15, AGM+17, AMW15, BCF+14, BBP13, Cec11, CGJ+16, CVG+17, CBLFD12, Ch14, CH12, De10, De11, Ds12, Di18a, Di18b, DF15, FMN+11, FM13, FH16, FBH17, FSC+13, FZ17, FOP14, GMS12, Guo17, HyG12, Hav11, HBS16, HLS13, HHS13, HC11, KR12, KSW+14, KRH16, KIR14, Ker15, KFBK+15, Kiel0, KBL14, KAR12, Kri12, LSW16, Ler10,

K-Java [BR15]. kernel [HK11]. Key

[BBB17, DFR13, JB12]. key-value
[DFR13]. keynote [MCK16]. KiWi [BBB17]. KJS [PSR15]. knot [LBF12]. know [DJ16, Gra15, Han15]. Knowledge [KSPK12, UMP10]. known [Han15].

Kraken [Ano14].

Lake [Hol12]. lambda [MKTD17]. lambdas [UFM15]. landscape [Sve14]. Language [DLPT14, GJS13, GJS14, JC10, KSPK12, MAHK16, Sev12b, SS13, ABCR10, CMM17, CS1L16, DA13, EKR12, Fee16, GSS16, Hs12, HWW15, KRCH14, LWH10, LE16, MDM17, SC16, SIZ10, SKR17, SNS14, VB14a, W11, WW17, ZWSS15, dCMM12]. language-level [WCG14]. Languages [CSGT17, MSM16, PTH14, YKM17, AGGZ10, BCD13, CMS12, E1K13, ER14, FMBH15, Han15, HTB12, HJS10, KRR14, MS10, N13, P16, ZH12]. LARD [WCG14]. Large [BA17, AST16, CCFB15, LSVB16, LSBV17, MDS17, M17, PTF15, WH1111].

Large-Scale [BA17, MS17, M17, PTF15, WH1111]. Larus [DD13].


leak [SS14, XR13]. Leaks [And14, RW17].

LeakSpot [RW17]. lean [R15]. leven [BRGG12, SV15b].

Learn [RT14]. Learning [Pau14, RT14, CNS13, KC12, Ano15]. learnt [GY16]. Legacy [SVB17, CDM10].

Legally [Sam12]. length [SMP10]. Less [BNE16]. Level [AC16, SWU15, EKUR10, Hs12, IHWN12, KBL14, LWC17, MG17, RFB14, TTD11, WVB10, WCG14].

Lexical [GN16]. Lexicon [TA18].

Libraries [BK12, RDCP12, BLD17, Cho14, EKR12, PMLT14, TTD11]. Library [OCFL14, TAF18, WN10, dM18, CMM17, PMP16, PQTG17, TFPB14, TGZ17].

License [GD12]. Life [Esq11]. LIFT

Lake [Hol12]. lambda [MKTD17]. lambdas [UFM15]. landscape [Sve14]. Language [DLPT14, GJS13, GJS14, JC10, KSPK12, MAHK16, Sev12b, SS13, ABCR10, CMM17, CS1L16, DA13, EKR12, Fee16, GSS16, Hs12, HWW15, KRCH14, LWH10, LE16, MDM17, SC16, SIZ10, SKR17, SNS14, VB14a, W11, WW17, ZWSS15, dCMM12]. language-level [WCG14]. Languages [CSGT17, MSM16, PTH14, YKM17, AGGZ10, BCD13, CMS12, E1K13, ER14, FMBH15, Han15, HTB12, HJS10, KRR14, MS10, N13, P16, ZH12]. LARD [WCG14]. Large [BA17, AST16, CCFB15, LSVB16, LSBV17, MDS17, M17, PTF15, WH1111].

Large-Scale [BA17, MS17, M17, PTF15, WH1111]. Larus [DD13].


leak [SS14, XR13]. Leaks [And14, RW17].

LeakSpot [RW17]. lean [R15]. leven [BRGG12, SV15b].

Learn [RT14]. Learning [Pau14, RT14, CNS13, KC12, Ano15]. learnt [GY16]. Legacy [SVB17, CDM10].

Legally [Sam12]. length [SMP10]. Less [BNE16]. Level [AC16, SWU15, EKUR10, Hs12, IHWN12, KBL14, LWC17, MG17, RFB14, TTD11, WVB10, WCG14].

Lexical [GN16]. Lexicon [TA18].

Libraries [BK12, RDCP12, BLD17, Cho14, EKR12, PMLT14, TTD11]. Library [OCFL14, TAF18, WN10, dM18, CMM17, PMP16, PQTG17, TFPB14, TGZ17].

License [GD12]. Life [Esq11]. LIFT
Method-Level [AC16]. Methods [MM16, Pau14, VBZ+18, Bra14, GRF11, LSBV16, LSBV17]. Metrics [Sch13].

Method-Level [AC16]. Methods [MM16, Pau14, VBZ+18, Bra14, GRF11, LSBV16, LSBV17]. Metrics [Sch13].


Microsoft [Ano13]. Middleware [RTE+13, HOKO14, HWLM11, MZC10b].


Names [SRTR17]. Naming [STST12].

Native [JQJ+16, LT11, LT14, KFBK+15, STS+13]. Natural [LL15]. naturalness [HBG+16].


No-Heap [BVGEA10]. NoCs [PWA13]. Node [HCl11, BJBK12, Node.js [BSMB16, MTL15, Ano14]. nodes [DRN14].

Nominal [BO13]. Non [BVGEA11b, BSOG12, GGG+15, TD17].

Fox17a, GMC, HTLC10, KHM, KPHV11, KvGS+14, KW10, KSR14, LTK17, PS10, PZM+10, PSW11, Puf13, RHT13, SP10a, Sic10, SPS17, \textbf{realtime} [OUY+13], \textbf{Reasoning} [LN15, ABK+16, MLT17].

Recap [BIvdS17]. recipes [J+12].

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


Reduction [BO12, TD15]. redundant [HLO15]. Refactoring [AS14, STST12, VBZ+18, ZHL+12, FMM+11, FM13].

Reference [Sch14, UJR14, HMDE12]. refinement [GY16, JLP+14, KSW+14, ZMG+14, ZFK+16]. Reflects [SPP+10].


relation [TD15]. relational [MLGA11]. relationship [LSBV16, LSVB17, SH12].

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


rename [FM13]. \textbf{Repair} [XMD+17, MDS+17, SHU16]. repeatability [Vit14]. replacement [BCD13]. \textbf{Replay} [BH12]. replication [CJ17, UIY10].

replication-based [UIY10]. report [CBLFD12, Sch10a]. Reports [OW16].

repository [HC10]. reproducibility [Vit14]. reproduction [SR14b]. requirements [AGGZ10]. \textbf{ResAna} [KvGS+14]. \textbf{Research} [SR17, TRE+13, CRJ+10, CBLFD12, EKUR10, Rub14, VBMDP16, Vit14].


retrofitting [LPGBK14]. reusable [HC10, MME14]. reuse [WR10]. Reverse [CCA+12].


\textbf{Robin} [Ano15]. \textbf{Robotic} [DiP18b, LM15].

\textbf{Robots} [SWF12]. \textbf{Robust} [VM15, VD17, MKZ+14, SGV12, VM10].

\textbf{row} [Lei17]. row-typed [Lei17]. \textbf{RTSJ} [ZW10]. Rubah [PVH14]. rule [QLBS17].


\textbf{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, VBAM10a, YRHBL13, dCMMN12].

routines [BM14, CSV15, RCR+14, WWH+17].

\textbf{Safe} [Eug13, GrvRN+11, JTO12, MPS12, RSF+15, SWB+15, WAB+11, HJS+10, HAW13, KHR11, KMLS15, KCP+17, Loc13, RDP16, WWS13].\textbf{Safety} [RS12, SDH+17, WCB16, ZLCW14, AGR17, EKUR10, GMC+13, Nil12b, PG12, SD16b, Tafl3, YS10, CWW13, HL13, LWC17, WK12].

\textbf{Safety-Critical} [WCB16, ZLCW14, RS12, SDH+17, AGR17, CWW13, LWC17].


\textbf{Secure} [Eug13, GrvRN+11, JTO12, MPS12, RSF+15, SWB+15, WAB+11, HJS+10, HAW13, KHR11, KMLS15, KCP+17, Loc13, RDP16, WWS13].

\textbf{Safety} [RS12, SDH+17, WCB16, ZLCW14, AGR17, EKUR10, GMC+13, Nil12b, PG12, SD16b, Tafl3, YS10, CWW13, HL13, LWC17, WK12].

\textbf{Safety-Critical} [WCB16, ZLCW14, RS12, SDH+17, AGR17, CWW13, LWC17].


\textbf{Secure} [Eug13, GrvRN+11, JTO12, MPS12, RSF+15, SWB+15, WAB+11, HJS+10, HAW13, KHR11, KMLS15, KCP+17, Loc13, RDP16, WWS13].

\textbf{Safety} [RS12, SDH+17, WCB16, ZLCW14, AGR17, EKUR10, GMC+13, Nil12b, PG12, SD16b, Tafl3, YS10, CWW13, HL13, LWC17, WK12].

\textbf{Safety-Critical} [WCB16, ZLCW14, RS12, SDH+17, AGR17, CWW13, LWC17].

Semantics-based [SPY+16].
semantics-preserving [AK13]. Semi
[FM13, MRMV12]. semi-automated
[MRMV12]. Semi-automatic [FM13].
Sensitive [SGD15, HWLM13, LMK16].
separability [WRI+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, EABVGV14,
HWLM11, KF11]. service-oriented
[EABVGV14]. services [MZC10b]. session
[KDPG18, FGR12]. Set [SBK13].
Set-based [SBK13]. sets [SP10b]. setters
[Mii13]. setting [BDGS13]. Settings
[GM12]. ShadowVM [MKZ+14]. shalt
[LCW18]. shape [GTM14]. Shared
[BG17, BSMB16]. Shared-Memory
[BG17, BSMB16]. sharing [PKO+15].
Short [AHK+11, SV15a, Zak12].
Short-term [AHK+11]. ShortCut
[CSGT17]. Side
[HC11, OBPM17, D’H12, KRH16]. SIGCSE
[Wal12]. Signatures [DR10]. significance
[BO11, BO12, KCP+17, BVGV14b, MSM+10].
Simplicity [Dei11]. Simulating [LM15].
Simulation
[HWLM11, FLZ+18, 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]. SJL
[MvH15]. skills [JACS10]. Slicing
[XMA+14]. Slimming [WGF11]. SLOC
[LSBV16, LSVB17]. Smaller [GS12].
smalltalk [FIF+15, HKVG14]. Smart
[GMPS12]. Smartcard [RBL12].
SMArtOp [TGZ17]. Smartphones [RT14].
SMARTS [RXK+17]. snapshots [AST12].
Snippets [SWU+15]. SNIP [YCYC12]. SoC
[TKL+15]. social [GGC18]. soft [IACS10].
Software [BSA14, CC15, Wan11, YQTR15,
BMSZ17, BTR+13, CBGM12, CFH+13,
CJ17, DVL13, EKUR10, FRGPLF+12,
FC11, HBG+16, JiED11, LPA13, MHR+12,
NGB16, OIA+13, PLL+18, RAS16, SV17,
XR13, YRHBL13, ZZZ13, ZHCBI5, ZDS14].
Solidity [Dan17]. Solution
[KS15, EKUR10, J+12]. Solving
[SED14, FMBH15]. Sound [BO13, BGK17,
LE16, BHSB14, ELW15, PPMH15]. soundly
[BS13]. Source
[BSA14, GD12, MM16, RLMM15, SRTR17,
SE14, AK13, CJ17, DRN14, EKUR10,
FMS+11, OJ12, PMP+16, ZWS15].
sources-to-source [AK13]. source
[IN12]. sparse [TGZ17]. sparse-matrix [TGZ17].
specialization [KRR+14, SY15a]. specific
[CSdL16, EEEK+13, HWW+15].
Specification [GJS+13, GJS+14, IF16,
KW11, LN15, LYPB13a, LYPB13b,
LYBB14, TWHN12, BVGVEA11a, BCF+14,
KR12, KW10, MRA+17, YP10, dCMNN12].
specifications [BNS12, Tvd10]. specified
[BRC11]. Specifying [BNS12, HL13].
Speculation [AC16, MGI17]. speculative
[BB17, YHRBL13]. speed
[HRS+17, SBF+10, UTO13]. SPIN
[ASdMGM14]. SPL [BTR+13]. splittable
[SLF14]. SPOON [PM+16]. spot
[LMK16]. SPUR [BBF+10]. SQL
[KML15]. SqueakJS [FiF+15]. SSNTDs
[VSG17]. Stability [BSA14, LL15].
stabilizing [hED12]. stack
[KRCH14, Xue12]. stack-based [KRCH14].
stage [WRI+10]. staged [SC16]. staging
[RO12]. standard [LMS+12].
Standardization [TXNH12]. StarL
[LM15]. State [AGR12, BLH12, MvDL12,
MS14, GN16, YP10]. state-
[YP10].
statecharts [MS13]. Statement
[XMD+17, PLR14, ZWS15]. statements
[PLR14]. Static
[BBK17, BNE16, JC10, MTL15, ODL15,
PILCH11, RD15, SW12, SH12, AM14,
CGJ+16, Fer13, FLL+13, IF16, KSW+14,
LS11, MHR+12, PR17, TLMM13].
statically [BTR+13, NED+13]. statistical
[Bra14, ZFK+16]. statistically [PPMH15].
statistics [HCN14]. stealing
[KFB+12, TLW12]. STM [CHM16, Sub11].
STM/HTM [CHM16]. StMungo
[KDPG18]. stochastic [CRAT+12]. stock
[PVH14]. Stop [LWB+15]. Storage
[Hol12, VDV17]. Store [BS12, Sta10].
stores [DFR13]. Story [Ano14]. strategic
[BMR14]. strategy [PDPM+16]. Stream
[KBPS17, MV16, BRWA14, SSG+14].
streaming [MRA+17, STCG13].
StreamJIT [BRWA14]. StreamQRE
[MRA+17]. streams [SGG+17, UFM15].
Strength [KCD12]. String
[HOKO14, CSK17]. Strings
[HWM11, HWM10, LS14]. strong
[UAM10, ZHCB15, ZBS17]. structure
[LO15, PLL+18, UMP10]. structured
[LSSD14]. Structures
[GT10, CDTM10, XMA+10]. studies
[EKUR10]. Studio [RT14, FH16].
Studio-Based [RT14]. Study
[OBPM17, RLMM15, ZMM+16, BRGG12,
CCFB15, CJ17, ECE15, KFBK+15,
MHR+12, NCS10, OMK+10, PTF+15, SH12,
TFPB14, VBDPM16, WXR16, YYW13]. style
[UFM15]. substitute [PPMH15]. substrate
[GTL+10]. subtypes [HL13]. Subtyping
[LN15]. suite [SMSB11, BB12]. Suites
[GGZ+15]. Summaries [BH17].
Summarization [MM16, RLMM15].
Superblock [KS13]. Supercharged

times [DW10]. timing [AGH+17, LS11]. TIMP [SLS+12]. tiny [Xue12]. tolerant [PZM+10]. Tool
[FMM+11, PQD12, SW12, ABFM12, CRAT+12, ETR12, KSR14, LS11, TWX+10]. Tool-supported [FMM+11]. toolchain
[KDPG18, SMN+18]. Tools [Bro12, CSZ17, ABK+16, VBAM10b].
toolset [KvGS+14]. top [RVP11, SGG+17, ZMNY14]. top-
[SGG+17]. top-down [ZMNY14]. Topics [Hor11, Jen12]. topology [DDM11]. Toy
[DiP18b]. Trace
[HWM14, PiLCH11, SR14b, BBF+10, HWM13, HWI+12, HHW12, WHIN11].

trace-based [BBF+10, HWM14, HWI+12, HHW12]. tracer [CZ14]. traces [BA12, RGM13].
Tracing [BP10, DLR14, DLR16, MD15].
track [VSG17]. TrackEtching [VSG17]. Tracking
[RLMM15, SDC+12, KHL+13, OOK+10]. Tracks [RGM13]. tradeoff [UTO13].
Traffic [RXK+17]. Trail [HHSS13]. Train
[MSSK16]. training [KMN+16]. trait
[BCD13, VM15]. traits [BDGS13, BD17].
transactional [DVL13, FC11, ZHCB15].
Transactions [DCG12, CHM16, DFR13]. transformation
[AST+16, PDDD17].
transformations
[AK13, MHM10, PMP+16, TL17].
Transforming [dMRH12]. transitioning
[HWM14]. Translating [FRS14].
Translation [BO12, LSW16].
translations [UTO13]. translator
[LZYP16]. Transmission
[PE11, BVGVEA11b, BJBK12].
transparent [BBB11]. travel [BM14].
traversals [ODL15]. Tree
[Lyo12, HLO15, KMMV14]. trees [RBV16].
Trends [CC15, MSS10, SR17]. trie [SV17].
trie-based [SV17]. tries [SV15a, SV15b].
triggered [EABVG14]. TRINI
[PDP1+16]. Trusted [TWNH12, BCF+14].
tuning [AAB+10, BVGVEAFG11, SKBL11].
Turing [Gr17]. Tutorial
[Jen12, Nil12b, Taf13, Zak12]. TV [JMO14].
twitter [Guy14]. Two [Has12]. Type
[BO13, CGJ+16, KSW+14, KATS12, Lei17, RKN+18, SGD15, WT11, ACS+14, AT16, BS13, CMS+12, CVG+17, DLM10, FH16, GBS14, HyG12, KMLS15, KRR+14, KRH16, KvRHA14, KDPG18, LPKG14, LE16, MHR+12, SH12, TLL11, Zha12, eBH11].

Type-Based [SGD15]. type-dependent
[LE16]. type-safe [KMLS15].
Typechecking [KDPG18, CL17]. Typed
[BO13, KKK+17, MHIL15, CMS+12, KRCH14, Lei17, RDP16]. Types
[BO13, RvB14, SPAK10, BGDS13, CHJ12, DLM10, HH13, MME+10, YDFF15].

TypeScript [Cho14, FH16, RSF+15].
Typing
[FZ17, RSF+15, Sic17, SFR+14, TSD+12].
typpy [OA17].

Ubiquitous [MCY+10]. UDP [RR14]. ULS
[FOPZ14]. UML [CSF+16]. unbounded
[LSSD14]. uncertain [McK16].

Understandable [MSM+16].

Understanding [FRM+15, MKTD17, NBW+18, PCL14, QLBS17, Set13, TAB12, VBMD16, LWB+15, Nil12b].

Undocumented [Alt12, MHR+12]. Unified
[LM15]. uniform [AH10, Eug13]. Unifying
[Has12].

union [KT15]. uniprocessors
[KPHV11]. Units [LLL13]. universe
[DDM11]. Unix [PVB17]. Unpicking
[LBF12]. Unrestricted [WWS13]. unsafe
[MMP+15]. unsound [AT16]. 

updates
[PKC+13]. Upper [SW12]. Upsortable
[SGG+17]. uptrees [HH13]. USA
[Hol12, KP15]. usability [FH16, MHR+12].

usage [PTF+15, QLBS17]. Use
[BGK17, Guy14, MPM+15, AMWW15, MKTD17, PBHM13, Sch13]. use-case
[AMWW15]. used [XR10]. useless

FRC+17]. User [Liu14, MvDL12, SLS+12,
DAA13, FMS+11, PSNS14]. user-defined [FMS+11]. Using
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