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, FLZ18, GBC12, JEC12, XZL16].
4 + 1 [SRB18]. $T_P$ [LTK17]. $C_P$ [AÖ11]. $K$
[PLL18, SD16b, SGG17]. $Z_P$ [AÖ11].

- `core` [PLL18]. - `safety` [SD16b].

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

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

2015 [LSBV17]. 27th [KP15].

5 [KHR11].

6 [Jen12].

7 [Ano15, EV13, J12]. 75 [HWM11].

8 [BKP16, LYBB14, SAdB16, UFM15].

9 [LSBV17]. 938 [Gun14]. 978 [Ano15].
978-1-4493-1103-2 [Bro12].
978-1-4919-4946-7 [Ano15]. 9th [Gve13].
MMP15, NKH16, NWB+15, OwKPM15, SLES15, WBA+11, AMT17, AST+16, AC16, AMWW15, ADI13, ABFM12, DSEE13, BOF17, BBXC13, EABVG14, GMC+13, HLO15, JH11, MTL10a, MZC10b, PLR14, PKC+13, RHSD15, R+13, RVP11, RW17, Ryu16, Sch10b, SAdB+16, SVG12, SP+10, TWX+10, WHIN11, vdMvdMV12.

approachable [WHV+13]. approaches [GD10], MD15, SS14. approximate [CNS13]. Approximation [RvB14].

Approximations [SS12]. apps [BM18, CNS13, MMP+12, Ngo12, Sta10].

Architectural [CSGT17, KKK+17].


Aspect [ABMV12, BH10, VBAM10b, VBMA11, WBA+11]. Aspect-Oriented [ABMV12, BH10, VBAM10b, WBA+11].

Aspectizing [TNTN12]. Aspects [AC10].

easpects [LVG10]. Assertion [MM12].


Asynchronous [KW11, SK12, WK12, FZ17, KW10, LML17]. atomic [WAB+11]. Atomicity [GGRSY17, JLP+14, BHSB14, BNS12, GGRSY15, UMP10]. atomics [PPS16].


automata [TLX17, ZWZ+14]. Automated [BH17, BSOG12, BMOG12, MS14, RGEV11, SDCM12, ASdMGM14, MRMV12, ZFK+16].

Automatic [GGRSY14, GGRSY15, GGRSY17, IS18, KKW11, MDS+17, MM16, PQLD12, SZ11, SD16a, SJPS10, SS16, WM10, XMD+17, ABK+16, FM13, PG12].

automatically [TB14]. Autonomic [DLPT14]. Autonomous [GMP12].

average [DL14], avoid [XR10]. Avoiding [FRC+17, ZBB17]. avoids [PPS16]. Aware [JYKS12, LZ12, BBXC13, CL17, EQT10, SSB+14a, SVG12]. awareness [VGS14].

axiomatic [TVD10].


basic [CZ14], basic-block [CZ14]. basics [Zak12]. basierte [Ric14]. Battery [ST15]. battlefield [WT10]. Bayesian [BS14].

BeagleBone [Ric14]. before [TD15].

begone [MRMV12]. behavior [LWB+15, RLBV10, TABS12, WX16].


Comprehension [BGK17].

Comprehensive
[STST12, VBMA11, ZKB+16, MKZ+14].

Compressing [Gun14]. Computation
[BW12, ZHL+12]. computational
[Bra14, SSG+14, VF10]. computations
[KFBK+15, TLMM13].

Computer
[HWM11, DNB+12, KP15]. Computing
[Hol12, MPR12, PWSG17, SHU16,
TWNH12, WN10, LZYP16, Rub14,
TTD+11, VF10, TRE+13], con [SMSB11].

conceptual
[Tai13].

Concurrency
[BG17, Bro12, SWF12, BVGVEA11a,
CHM13, DMS11, HAW13, KHL+17, PPS16,
Sub11, TD15, UR15]. Concurrent
[MSM+16, PS12, Sie10, BMSZ17, EP14,
Gra15, HJJH10, KBL14, MSM+10, OW16,
PTF+15, RVP11, STR16, SNS+14, YS10].

concurrent-by-default
[SNS+14].

Concurrent
[MSM+16, PS12, Sie10, BMSZ17, EP14,
Gra15, HJJH10, KBL14, MSM+10, OW16,
PTF+15, RVP11, STR16, SNS+14, YS10].

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[ABC18]. Conformance
[AGR12, SKR17]. Confused
[BH12].

Conquer
[SBF+10]. Consequences
[OBPM17]. conservative
[SBM14].

Consistency
[CSF+16, CS12, DNB+12, FRM+15, ZBB17].
consistent
[BCR13]. constrained
[KSR14].

Constraint
[FMBH15, SHU16].

Constraints
[SGL+15, LSSD14].

Construction
[CIAD13, RGEV11].

Constructors
[MME14]. constructs
[PCL14, PTF+15]. consumers
[DA13].

Consumption
[MV16]. container
[XR13].

Containers
[XR10]. Context
[HWM13, MM16, TL17, HB13, IvdS16, SSB+14a].

Context-sensitive
[HWM13]. Contextual
[MSSK16]. Continuous
[Tco12].

Continuously
[DTLM14]. Contracts
[YQTR15, HBT12, KT15, KKW11].

Control
[FRG12, FHSR12, TT11, TNTN12,
AdCGGH16, FWDL15, LSWM16, RHN+13,
STS+13, TABS12, XHH12]. controlling
[BKC+13, YDFF15]. Convention
[Hol12].

Conversions
[CMM17]. Converter
[YWW+18]. Cooperative
[YDF15, HDM17]. Coordinating
[MAHK16], coordination
[BMSZ17], copy
[FBH17]. copyrightable
[Sam12]. Core
[HR11, HC13, RDCP12, RTE+13, MS10,
PLL+18, TRTD11, Gve13]. cores
[GTSS11, SKBL11]. Cornell
[Gve13].

Corpus
[HCN14, LSBV16, LSBV17, TMVB13].
Correct
[AdCGGH16, AJL16, DJLP10].
Correctness
[LL15, BENS12, Cho14].

Correlation
[SDC+12, XHH12].

Corrigendum
[LSBV17]. counter
[LSSD14]. counters
[IN12]. Course
[Wan11, Zak12]. Coverage
[CSS+16, GGZ+15]. Coverage-Based
[GGZ+15]. Coverage-directed
[CSS+16].

CPS
[PDDD17]. CPU
[PKO+15].

Crawling
[BMSV18, MvDL12]. creating
[HC10, VBAM10b]. Creation
[SK12]. Crisis
[AT16].

Critical
[HL13, WK12, WCB16, ZLCW14, AGR17,
DTLM14, GNC+13, NM10, Nil12b, RS12,
SDH+17, CWW13, LWC17]. Cross
[GSS+18, MDM17, AMWW15, BKC+13,
GSS+16, KMZN16]. cross-cutting
[AMWW15]. Cross-Language
[GSS+18, MDM17, GSS+16].

Cross-program
[KMZN16]. cross-thread
[BKC+13]. Crowdsourcing
[BH17].

CrowdSummarizer
[BH17].

Cryptography
[GPT12]. CSS
[Ano15, HLO15, Sta10]. Curve
[GPT12].

Customizations
[LVG10]. customized
[HB13]. Cutting
[AMWW15]. Cyclic
[BMGO12, RS12].

D
[DiP18b, FLZ+18, GBC12, JEC+12, XZL16].

DAA
[BR10]. Data
[Bra14, BMOG12, BA17, GM12, GTS+15, GT10b, NKH16,
NW15, NWB+18, TAF+18, YWW+18,
dMRH12, BK14, BB17, BOF17, BBXC13,
BJBK12, CDTM10, CRP+10, DFR13, DHM+12, EKUR10, FOPZ14, KB17, LDL14, MRA+17, NL14, SAdB+16, SSG+14, SGG+17, UMP10, WKK17, WCG14, XXZ13, XMA+10, ZiVdS17. data-centric
[DHM+12, FOPZ14]. Data-Intensive
[NWB+18]. Data-Parallel
[KKH16, CRP+10]. database
[Dei10, EKUR10, TABS12]. databases
[EKUR10, MLGA11]. Dataflow [BR12].
Datalog [ZMG+14]. dataset [MDS+17].
David [Kie13]. Days [Sev12b]. DBT
[KS13]. dead [SK13]. deadlock
[CHMY15, SR14a, SR14b]. Dean [Bro12].
debugging
[AsdMGm14, BM14, KS14, TB14, ZFK+16].
December [LSB17]. Deciding [SGD15].
decision [RBV16]. Declarative
[DRN14, RS112, 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]. Definite
[NS12]. Definition [SSB14b, AK13, SSB01].
Definitive [Oak14]. delegation [GBS13].
delimited [PDDD17]. DelphJ [GBS13].
demand [FWDL15, ZHL+12].
demand-driven [FWDL15]. DemoMatch
[YKS17]. demonstrations [YKS17].
Deoptimization [KRCH14]. depend
[LCW18]. dependability [GD10].
Dependence [PDDD17, JWMC15].
Dependence-driven [PDDD17].
dependences [BKC+13]. dependencies
[EL15]. Dependent [CHJ12, LE16].
deploying [R+13]. depreciation [SRB18].
depth [Rau14]. Design [AC16, ETTD12,
MLGA11, Pdf13, RTE+13, SW12, TRTD11,
TKL+15, VGRS16, YCYC12, BBXC13,
CSdL16, GSD+15, IRJ+12, Lon10a, Lon10b,
OA17, SAdB+16, SMSB11, VM10, Xue12].
Designing [Sev12b, KHR11]. Desktop
[GS11]. destructive [FF10]. Detecting
[BK12, HLO15, PiLCH11, XR10, FF10].
Detection [BH10, BSOG12, KCD12, MS14,
RD15, XMA+14, AMT17, CSK17, LMK16,
LS11, ODL15, PG12, RDF15, RW17, SR14a,
SR14b, SS14, WCG14, XXZ13, XR13].
detectors [LWH+10]. Determinacy
[AM14]. deterministic [DNB+12, MvH15].
developer [EV13, Top11, ZZK13].
Developers
[Bro12, BMR14, DJB16, HH13, Wan11].
developing [R+13]. Development
[ABK+16, AYZI10, MT13, AGR17, BM18,
FRGPLF+12, GT10a, PSW11, SKR17,
SH12, WBA+11, ZDS14]. Device
[TTD+11, XHH12]. Devices
[GPT12, JQJ+16, MV16, ETR+15, Xue12].
DFC [BR12]. diagnosis [RW17]. DiAl
[STCG13]. dialects [BldvS17]. difference
[PS11]. differential [CSS+16].
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NG13, NED+13, WM10]. directives
[VGS14]. Discovering [Sev12b]. discovery
[YKS17]. discrete [DDF17]. Disease
[PE11]. Dissimilar [Has12]. Distance
[ZW13]. distributable [CRAJ10].
Distributed
[BVEAGVA10, LTD+12, LM15, MAHK16,
PE11, BVGVEA10, BVGVEA11b,
BVGV14b, CRAJ10, EABVGV14, STCG13].
distributing [TGZ17]. divide [SBF+10].
Do [HH13, Han15]. Does [BRCG12, Rub14].
DOJ [hEYJD12]. DOM [GCC18].
DOM-Based [GCC18]. Domain [KSPK12,
CSdL16, EEK+13, HWW+15, PIR17].
domain-specific
[CSdL16, EEEK+13, HWW+15]. dominance
[CPST14]. Doppio [VB14a].
DoubleChecker [BHSB14]. down
[Ker15, ZMYN14]. drf [MSM+16]. DRFX
[MSM+10, SMN+12]. Driven
[CCA+12, BM18, CHM13, FWDL15,
MTL15, PDDD17, SR14b]. drug [EKUR10].
DSL [KARO12]. DSLs [KHR11, RO12, SC16]. DSU [PVH14]. Dual [AD16]. Dual-Pivot [AD16]. Dynamic [AGM+17, ABMV12, ASF17, CHMY15, MvDL14, PTHH14, RDF15, XMA+14, ZKB+16, AF12, BDB11, BK14, BCD13, BOF17, CSV15, CPST15, ELW15, GYB+11, HB13, KRC14, KRR+14, KT14, LWH+10, LGV10, MKZ+14, Nil12b, NG12, NED+13, RLBV10, RCR+14, RRB17, SR14b, SJPS10, SH12, TPG15, VBAM10b, WXR16, 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 [JK11, CCFB15].
Effective [BM14, PTML11, RD15, CsDL16, KPP+18, Kie13]. Effectively [UR15]. effects [FH16, HAW13, Lei17].
Efficient [DVL13, GPT12, HWM11, HB13, KT14, KW10, OOK+10, RSP+15, RFB14, SMN+12, TLX17, TD17, AK13, BHSB14, CRP+10, ETR12, HWM10, KKW11, MRA+17, MSM+10, Sie17, SGV12, SWB+15, SV15a, TRTD11, UMP10, WVJB10, XXZ13]. Efficiently [FBH17, BKC+13, FOPZ14].

Einsatzszenarien [Sch13]. Einsteiger [Ric14]. Elektronik [Ric14].
Elektronik-Projekte [Ric14]. Elephant [RGM13]. Elimination [RKN+18, GvRN+11]. elision [NM10].
Elliptic [GPT12]. Eloquent [Hav11].
emass [For18]. Embedded [Fox17b, HTW14, JMB12, KARO12, Pau14, SLES15, SLE+17, TKL+15, VK12, Dei10, Fox17a, GMC+13, HTLC10, KHR11, LMK16, LTK17, OIA+13, RHT13, SC16, SDH+17, SFR+14, UIY10, Xue12, ZYZ+12]. embedding [KMLS15, SC16]. Empirical [LSBV16, LSVB17, SS13, WXR16, BJBK12, FH16, HH13, KPP+18, MHR+12, NCS10, SH12, Tai13, VBDPM16, VBMDP16].

Employing [CC15]. Emscripten [Zak18].

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ergy-aware [CL17]. enforcement [IF16].

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exhaustive [DHS15]. exhibitionism [VBMDP16].
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feature [AH10, KvRHA14, OJ12].
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Fast [CVG$^+$17, CSGT17, HyG12, SBM14, SLF14, Zak18, BB17, KMMV14, KCP$^+$17, MDM17, MHBO13, SV15b]. Faster [BMDK15, JC10, AJL16].
Faults [SRTR17, KPP$^+$18, ZZK13]. FC [YWW$^+$18]. Featherweight [RvB14].
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fragmentation-tolerant [PZM+10]. fragments [OA17]. frames [SJP+S10].

Framework [CCA+12, Den18, FFF17, LM15, PWSG17, RBL12, Ame13, AC16, DDDF17, ER14, FRGPLF+12, JEC+12, KMLS15, Lon10a, Lon10b, MT13, PKO+15, RR14, STY+14, ZW10, ZDS14]. frameworks [PPMH15]. Francesco [KP15].

free [DTLM14, FC11, GK15, HHB+14, NFV15]. free-form [GK15]. free-lunch [DTLM14].


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Fusing [KBPS17]. future [SS16]. fuzzier [Guo17].
Heterogeneous Hera-JVM. Hidding [RBL12].

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Higher [KT15].

Higher-order [KT15].

Highly [BP10, SPP+10].

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Hopping [SP16].

Horstmann [Gve13].

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IaaS [LZHD15].

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In [SV15b].

Inception [DFR13, SPP+10].

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Interoperability [GSS+18, GSS+16].

Interpretation [BDT10, DLR16, DLM10, DLR14, NSDD17].

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intersection [KT15].

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intra-node [BJBK12].

Introducing [Dan17, DMS11].

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Introductory [BNP11].

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J2ME-Enabled [GPT12].

Jaccie [KS14].

Jalapeno [AFG+11].

James [DDDF17].

Jasta [HD17].

Jasta-2 [HD17].

Java [Bro12, Den18, Fox17a, Gve13, HW11, HTW14, Mv15, Ngo12, Sch13, VK12, AO11, KvGS+14, PQTGS17, SAdb+16, ABC18, ASfMGM14, AST12, AFGG11, AYi10, AS14, AAB+10, Alt12, Ame13, AdCGGH16, AT16, And14, Ano12, Ano13, ABMV12, AGR12, AGR17, ABCR10, ADH13, ABF12, AK13, BK12, BH17, BMR14, BH12, BDT10, BVGVE10, BVEAGVA10, BVGVEA11a, BVGVEA11b, BVGVEA13, BVGVE14a, BVGVE14b, BS12, BMDK15, BO11, BO12, BO13, BCR11, BDBG13, BCD13, BD17, BRGG12, BVldS17, BR12, BH10, BR15, BB12, BNP11, BW12, BA12, BZD17, BSOG12, BMOG12, BKP16, BA17, BJJK12, CIAD13, CSZ17, CZ14, CMM17, CWW13, CV14, CS12, CDTM10, CCFB15, CC15, CRJ+10, CSF+16, CSH17, CCH11, CJ17, CDG+17, CSdL16, CCA+12, CRAJ10, DJLP10, DDDF17, DLM10].

Java [DLZ+13, DLV13, DR10, DHS15, JB16, DMS11, ECS15, EEE+13, ES14, EQT10, Esq11, EABV14, Eug13, EV13, ETTTD12, ETR+15, FLZ+18, FRGPLF+12, FGR12, Fer13, FFF17, FLL+13, FHS12, Fox17b, FMS+11, GMP12, Grv+11, GYB+11, GM12, GBS14, GD12, GBC12, GS11, GS12, Gon11, GMC+13, GT10b, GJS+13, GJS+14, Gri17, GPT12, GK15, HL13, HD17, Hm17, Has12, HWM10, HWM13, HWM14, HA13, HM12, HTLC10, HKVG14, HH13, HOK14, HGC11, Hol11, Hor12, HC13, Hc10, HWLM11, HJ12, HWVN12, IN12, IS18, IF16, JC10, JEC+12, JQJ+16, JijL17, Jen12, JB12, JYS12, JTO12, JH11, J+12, JMB12, JMO14, KH11, KHM+11, KMLS15, KS13, KW10, KW11, KPP+12, KM10, KSR14, KSP12, KDP18, KS14, KF11, KB11, LSV16, LSV17, LTD+12, LMK16, LSW16].

Java [LLL13, LT11, LT14, LZY16, LYYB13a, LYYB13b, LYYB14, LZ12, Loc13, Loc18, Lon10a, Lon10b, LMS+12, LO15, LPA13, LWC17, LTK17, LS11, Lya12, MKZ+12, MS13, MME+10, MLGA11, MDS+17, MCC17, MPM+15, MZC10b, MKTD17, MM16, MHH10, MAH12, MB12, MCY+10, MPR12, MKK+12, MKK+13, MUS10, MVH15, MT14, MDHS10, NM10, NCS10, NS12, NI12a, NI12b, NG13, NNTK17, Oak14, OOK+10, OMK+10, OIA+13,
OUY\textsuperscript{+13}, OW16, OJ12, OCFLI14, PS11, PLL\textsuperscript{+18}, PiMG12, PTML11, PML14, PTHH14, PL12, PiLC11, PBMH13, PPMH15, PMP\textsuperscript{+16}, PQD12, PVH14, PTF\textsuperscript{+15}, PS10, PDPM\textsuperscript{+16}, PSL11, Paf13, PKC\textsuperscript{+13}, QLBS17, RD15, RDCP12, RTE\textsuperscript{+13}, RTET15, RR14, RS12, RHT13, R\textsuperscript{+13}, RBL12, RAS16, RS12, Rey13, Rez12, RVP11, RLMM15, RB15, RvB14, SSL18, SSB\textsuperscript{+14a}, SE12, SRB18, SRTR17]. Java [STST12, SS12, Sch14, Sch13, Sch10a, SPPH10, SKKR11, SDH\textsuperscript{+17}, Sch10b, SSMD10, SZ10, Set13, SMSB11, SMS\textsuperscript{+12}, SM12, SDM12, SWMV17, SW12, SVG12, SKBL11, SD16a, SJP10, SLS\textsuperscript{+12}, SKR17, SS14, SP10b, SMP10, SPP\textsuperscript{+10}, SWB\textsuperscript{+15}, SSB01, SSB14b, ST15, SPS17, SSG\textsuperscript{+14}, STS\textsuperscript{+13}, Sve14, SWF12, TRTD11, TTD\textsuperscript{+11}, TTD12, TRE\textsuperscript{+13}, TLL11, TXW\textsuperscript{+10}, TFBP14, TWHN12, TNTN12, TGZ17, TKL\textsuperscript{+15}, UR15, UFM15, VSG17, VGRS16, VBDM16, VBDMP16, VGS14, VBAM10a, VBAM10b, VBMA11, WGF11, Wam11, WZdSOS17, WBM\textsuperscript{+10}, WK12, WCB16, WN10, WRT1\textsuperscript{+10}, WHV\textsuperscript{+13}, WHIN11, WBA\textsuperscript{+11}, WAB\textsuperscript{+11}, WWS13, XHH12, XR13, XMD\textsuperscript{+17}, Xue12, YP10, YKM17, YDF15, ZlvdS17, Zak12, ZP14, ZLWC14, ZHL\textsuperscript{+12}, ZXL6, ZKB\textsuperscript{+16}, ZWSS15, ZPL\textsuperscript{+10}, ZDS14, dCMMN12, dMRH12, eBH11, hED12, vdMvdMV12, Del13]. Java-Based [AFGG11, SLS\textsuperscript{+12}, ST15, SWF12, CJ17, HOKO14, JMO14, KS13, KS14, MB12, MCY\textsuperscript{+10}]. Java-compatible [ABC10]. Java-like [BDGS13, BCD13, DJLP10, SZ10]. Java-to-HDL [OUY\textsuperscript{+13}]. Java-to-JavaScript [LSWM16]. Java.util.Collection.sort [dGRdB\textsuperscript{+15}]. Java/JSP [Sch10b]. JavaBean [MZC10a]. JavaBIP [BMSZ17]. JavaCC [GN16]. JavaCOP [MME\textsuperscript{+10}]. JavAdaptor [PKC\textsuperscript{+13}]. JavaFX [Top11]. JavaGI [WT10, WT11]. JavaScript [Ano15, Kie13, Ric14, Teo13, CH17, AMT17, ACS\textsuperscript{+14}, AHK\textsuperscript{+15}, AGM\textsuperscript{+17}, AMWW15, BCF\textsuperscript{+14}, BBP13, Cec11, CGJ\textsuperscript{+16}, CVG\textsuperscript{+17}, CBLFD12, Cho14, CHJ12, Dei10, Dei11, DeSG12, DiP18a, DiP18b, DFH15, FMM\textsuperscript{+11}, FM13, FH16, FBH17, FSC\textsuperscript{+13}, FZ17, FOPZ14, GMS12, Guo17, HyG12, Hav11, HBS16, HLSK13, HHS13, HC11, KR12, KSW\textsuperscript{+14}, KRH16, KT14, Ker15, KFBK\textsuperscript{+15}, Kie10, KBL14, KARO12, Kri12, LSMTP16, Ler10, LVG10, LPGK14, Lin14, LML17, MLT15, MLS12, MG17, MHL15, MRMV12, Mi13, MM12, MMP15, NKA16, NSD17, OBPM17, PWSG17, PLR14, PSR15, PL18, PDD17, PKO\textsuperscript{+15}, Pol18, Rau14, RLBV10, RGE11, RHN\textsuperscript{+13}, RW17, Ryu16, SMN\textsuperscript{+18}, Sev12a, Sev12b, SVB\textsuperscript{+17}, SDC\textsuperscript{+12}, Sta10, Ste10, SR17, SFR\textsuperscript{+14}, TAF\textsuperscript{+18}, TT11, VM15, VB14b, Wal12, WX16, WY13]. JavaScriptCore [Pix17]. JavaVerT [SMN\textsuperscript{+18}]. JAWS [PKO\textsuperscript{+15}]. JBIInsTrace [CZ14]. JCloudScale [ZLHD15]. JCMS [dCMMN12]. JCSI [ABFM12]. JCS [WBM\textsuperscript{+10}]. JDiffraction [PFTG17]. JDK [SRB18]. JDM [ZP14]. JEqualityGen [G11]. JET [LT11]. JGRIM [MZC10b]. Jinn [LWH\textsuperscript{+10}]. JIT [BBF\textsuperscript{+10}, BB17, CMS\textsuperscript{+12}, HWM14, IHWN12, JK13, NED\textsuperscript{+13}, RSB\textsuperscript{+14}, WK17, ZY\textsuperscript{+12}]. JIT-based [BB17]. JIs [KRCH14]. JMarkov [CRAT\textsuperscript{+12}]. JML [CR10]. JNI [CDG\textsuperscript{+17}]. Join [MZC10a]. Jonge [Ngo12]. Journey [Ryu16]. Joy [FF11]. JP [SSB\textsuperscript{+14a}]. JPC [CM17]. JPF [WKG17]. JPR [WKG17]. JQuery [AM14, PIR17]. JR [OW16]. JR-like [OW16]. JRE [CZ14]. JS [AHK\textsuperscript{+15}, Por18]. js-emass [Por18]. Js_of_ocaml [VB14b]. JSART [MM12]. JSetL [RB15]. JSON [BB17]. JSormdb [Dei10]. JSP [Sch10b]. JTabWb [FFF17]. JTRES [HTW14].

Just-in-Time [DLR16, KHL+13, LMK16, MGI17, TTS+10]. JVM [AC16, AFG+11, CSS+16, Guy14, MS01, PVH14, R+13, RRB17, SV15b, Sub11, WKG17]. JVMs [BK14, ZY+12].


KiWi [BBB+17]. KJS [PSR15]. Knornrechild [Del13]. knot [LBF12]. know [DB16, Gra15, Han15]. Knowledge [KSPK12, UMP10]. known [Han15].

Kraken [Ano14].

Lake [Hol12]. lambda [MKTD17]. lambdas [UFM15]. landscape [Sve14]. Language [DLPT14, GJS+13, GJS+14, GSS+16, JCI0, KSPK12, MAHK16, Sev12b, SS13, ABCR10, CMM17, CSiL16, DAA13, EKR+12, Fee16, GSS+16, Hos12, HWW+15, KRC14, LWH+10, LE16, MDM17, SC16, SZ10, SKR17, SNS+14, VB14a, WCG14, WWH+17, ZWSS15, dCMMN12].

language-level [WCG14]. Languages [CSGT17, MSM+16, PTHH14, YKM17, AGGZ10, BCD13, CMS+12, EKK+13, ER14, FMBH15, Han15, HBT12, HJS+10, KRR+14, MSM+10, NED+13, PULO16, SPY+16, Zha12]. LARD [WCG14]. Large [BA17, AST+16, CCFB15, LSBV16, LSBV17, MDS+17, MCT+10, PTF+15, WHIN11]. Large-Scale [BA17, MDS+17, MCT+10, PTF+15, WHIN11]. Larus [DD13].


Lexical [GN16]. Lexicon [TAF+18]. Libraries [BK12, RDCP12, BlvdS17, CHO14, EKR+12, PTL14, PLR18, TTD+11].


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localised [SP10b]. locality [JH10, OJ12]. localize [ZZK13]. location [CS10].

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m [MzC10b]. m-JGRIM [MzC10b]. M2M [Pau14]. Machine
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multiprocessor [PS10, PWA13, SPS17].

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Non-Java
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[RB15, BENS12].

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Novel
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NUMA
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number
[PPMH15].

Numbers
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Numerical
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NX-T [SWF12].

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[CSZ17, CCH11, DR10, GBC12, Hol12, HJ12, MSM+16, Oak14, OCFL14, QSaS+16, TRE+13, TPG15, THC+14, WN10, ACS+14, AAB+10, BRGG12, BRWA14, CBGM12, Del11, GSS+16, HWI+12, IRJ+12, JH11, Ngo12, ODL15, PSNS14, SE12, TTD+11, TXW+10, WHIN11, WHH+17, Zak10].


Platform [AFGG11, PE11, BD17, CRJ+10, GD10, GMC+13, MKZ+14, PWA13, YP10].

Platforms

[DR10, Has12, BP10, JMO14, KSR14].

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Point [Jaf13, AJL16]. pointer [TL17].

Pointers [RKN+18, AT16]. Points [BK12, SDC+12, DHS15, SBK13, TLX17].

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Polymorphic [Zha12]. polymorphism [GMT14, PULO16, UTO13]. POPL [BCR13].

Popular [Has12, SRB18].

Popular-but-Seemingly-Dissimilar [Has12]. portable [BM18, LTK17, RGM13]. portal [MCY+10].

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Principles [HGCA11, JEC+12, VM10].

Printing [AJL16]. prioritization [MT13].

Prioritized [NGB16]. Priority [ASV+16, HM12]. Privacy [And14].

Proactive [CL17, BGS+13]. PROB [YP10].

Probabilistic [RBV16, GY16, ZWZ+14].

Problem [YHY13, ZW13, J+12, KC12]. problem-solution [J+12]. problems [TPG15].

Proceedings [Hol12, KP15].

Process [SK12, AGR17, GT10a]. Processes [BMDK15].

Processing [LLL13, WN10, SBK13, SS+14, UJR14].

Processor

[TKL+15, Puf13, SPPH10, SM+12].

Processors [ASV+16, MKG+17].

producers [DA13]. product

[BTR+13, KATS12, KVRHA14, SV17].


profilers [MDHS10]. profiling

[DD13, JH11, KRH16, NK10, RCB17, SS+14a, STY+14, THC+14, XR13, ZBB15].

Program [BGK17, KKW14, RVK15, RT14, ZKB+16, AO11, DS16, GMS12, HCN14, JKL17, JWMC15, KM10, KMZN16, MKZ+14, NS13, SCH10a, SPY+16, TAI13, TABS12, WGF11, ZMG+14].

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Programmers [ESQ11, RLMM15, Rau14].


RCDC [DNB+12]. RDMA [ETR+15, IRJ+12]. RDMA-based [IRJ+12]. RDMA-enabled [ETR+15]. re [NCS10]. re-location [NCS10]. Reachability [NS13]. reaction [SRB18]. reactive [BCvC+13, MV15]. read [NM10]. read-only [NM10]. Reading [Jaf13]. ready [RHS15]. Real [BVEAGVA10, BBB+17, Fox17b, HTW14, KW11, Ni12a, Pau14, SLES15, SLE+17, VK12, BCR13, BVGVEA10, BVGVEA11a, BVGVEA11b, BVGVEA13, BVG14a, BVG14b, CRAJ10, DW10, EABV14, Fox17a, GMC+13, HTLC10, KHM+11, KPHV11, KvGS+14, KW10, KPS+18, KSR14, LTK17, MDS+17, PS10, PZM+10, PWS11, Puf13, RHT13, SP10a, Sie10, SPS17].

Real-Time [BVEAGVA10, BBB+17, Fox17b, HTW14, KW11, Pau14, SLES15, SLE+17, VK12, BCR13, BVGVEA10, BVGVEA11a, BVGVEA11b, BVGVEA13, BVG14a, BVG14b, CRAJ10, DW10, EABV14, Fox17a, GMC+13, HTLC10, KHM+11, KPHV11, KvGS+14, KW10, KPS+18, KSR14, LTK17, MDS+17, PS10, PZM+10, PWS11, Puf13, RHT13, SP10a, Sie10, SPS17]. realtime [OUY+13].

Reasoning [LN15, ABK+16, MLT17]. Recaf [BlvdS17]. recipes [J+12].

recompilation [NED+13]. Reconfigurable [OUY+13, STY+14, OIA+13]. reconstruction [LSWM16]. Recovering
Snippets [SWU+15]. SNP [YCYC12]. SoC [TKL+15]. Social [GGC18]. Soft [JACS10]. Software [BSA14, CC15, RC17, Wan11, YQTR15, BMSZ17, BTR+13, CBGM12, CFH+13, CJ17, DVL13, EKUR10, FRGFLF+12, FC11, GT10a, HBG+16, JbEd11, JK11, LPA13, MHR+12, NGB16, OIA+13, PLL+18, RAS16, SV17, XR13, YHRL13, ZK13, ZHB15, ZDS14].

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Specification [GJS+13, GJS+14, IF16, KW11, LN15, LYB13a, LYB13b, LYBB14, TWH12, BVGVE11a, BCF+14, KR12, KW10, MRA+17, YP10, dCMNN12].

Specifications [BNS12, TWD10]. specified [BCR11]. Specifying [BNS12, HL13].

Speculation [AC16, MGI17]. speculative [BB11, YHRBL13]. Speed [HRS+17, SBF+10, UTO13].


SPUR [BBF+10]. SQL [KMLS15]. SqueakJS [FIF+15]. SSNTDs [VSG17]. Stability [BSA14, LL15].

Stabilizing [hED12]. stack [KRCH14, Xue12]. Stack-based [KRCH14].

Stage [WRI+10]. staged [SC16]. Staging [RO12]. Standard [WKG17, LMS+12].

Standardization [TWNH12]. StarL [LM15]. State [AGR12, BLH12, MvDL12, MS14, GN16, YP10]. State-charts [MS13].

Statement [XMD+17, PLR14, ZWSS15]. Statements [PLR14]. Static [BGK17, BNE16, JC10, MTL15, ODL15, PiLCH11, PLR18, RD15, SW12, SH12, AM14, CGJ+16, Fer13, FLL+13, IF16, KSW+14, LS11, MHR+12, PIR17, TLM13].

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


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Streaming [MRA+17, STCG13]. StreamJIT [BRWA14]. StreamQRE [MRA+17]. streams [GGG+17, UFM15].

Strength [KCD12]. String [HOKO14, CSK17]. Strings [HWM11, HWM10, LSSD14]. Strong [UMP10, ZHCB15, ZBB17].

Structure [LO15, PLL+18, UMP10]. Structured [ABC18, LSWM16]. Structures [GT10b, CDTM10, XMA+10]. Studies [EKUR10]. Studio [RT14, FH16].

Studio-Based [RT14]. Study [KB11, OBPM17, RLM15, ZMM+16, BRGG12, CCFB15, CJ17, ECS15, JK11, KFBK+15, MRR+12, NC10, OMK+10, PTF+15, SSL18, SH12, TFBP14, VBDPM16, WX16, YW13]. Style [UFM15].


Summarization [MM16, RLM15].

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TigerQuoll [BBP13]. Tim [Teo13]. Time [BVEAGVA10, BB+B+17, BLH12, DLR16, Fox17b, HTW14, JMB12, Kie10, KW11, Pau14, SLES15, SLE+17, VK12, BCR13, BM14, BVGVEA10, BVGVEA11a].
BVGVEA11b, BVGVEA13, BVGV14a, BVGV14b, CRAJ10, DW10, EABGV14, Fox17a, GMC+13, HTLC10, KHM+11, KPHV11, KHL+13, KvGS+14, KW10, KSR14, LMK16, LTK17, MGI17, Nil12a, PS10, PZM+10, PZW11, Puf13, RHT13, SP10a, SPPH10, SPS17, SH12, TTS+10, WAB+11. time-travel [BM14]. time-triggered [EABGV14]. Times [BKP16, DW10]. timing [AGH+17, LS11]. TIMP [SLS+12]. tiny [Xue12]. tolerant [PZM+10]. Tool [FMM+11, PWD12, SW12, SSK13, ABFM12, CRAT+12, ETR12, KSR14, LS11, TWX+10]. Tool-supported [FMM+11]. toolchain [KDPG18, SMN+18]. Tools [Bro12, CSZ17, CS12, ABK+16, KPP+18, VBAM10b].


twitter [Guy14]. Two [Has12]. Type [BO13, CGJ+16, KSW+14, KATS12, Lei17, Loc18, RKN+18, SGD15, WT11, ACS+14, AT16, BS13, CMS+12, CVG+17, DLM10, FH16, GBS14, HyG12, KMLS15, KRR+14, KRH16, KvRHA14, KDPG18, LPGK14, LE16, MHR+12, SH12, TLL11, Zha12, eBH11]. Type-Based [SGD15].

type-dependent [LE16]. Type-Safe [Loc18, KMLS15]. Typechecking [KDPG18, CL17]. Typed [BO13, KKK+17, MHL15, CMS+12, KRC+14, Lei17, RDP16]. Types [BO13, RvB14, SPAK10, BDGS13, CHJ12, DDM11, HH13, MME+10, YDF15].

type-safe [KDPG18, CL17]. Typing [BO13, RvB14, SPAK10, BDGS13, CHJ12, DDM11, HH13, MME+10, YDF15]. TypeScript [Cho14, FH16, RSF+15]. Typos [FZ17, RSF+15, Sie17, SFR+14, TSD+12]. typy [OA17].

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