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].
$39.95$ [Ano18]. 4 + 1 [SRB18]. $\tau P$ [LTK17].
$C_P$ [AO11]. $K$
[PLL+18, SS19, SD16b, SGG+17]. $N$
[ADJG19, WZK+19]. $Z_p$ [AO11].
-core [PLL+18]. -Means [SS19]. -overlap
[ADJG19]. -safety [SD16b]. -Tier

[WZK+19].
/multi [Taf13]. /multi-threaded [Taf13].
’12 [Hol12]. 12th [Fox17a].
2015 [LSBV17]. 27th [KP15].
5 [KHR11].
6 [Jen12].
7 [Ano15, EV13, J+12]. 75 [HWM11].
8 [BKP16, CWGA17, LYBB14, SAdB+16, UFM15].


Adequacy [PSJ18]. Adequate [GGZ+15]. ADiJaC [SD16a]. Admitted [YXS+19].

Adoption [PBMM13, PGA18]. Adrianna [Ngo12]. Advanced [Hor11, VBAM10a, dJM18, Jen12]. Advances [FHP+12]. Adversarial [FF10].


algebras [IvdS16, ZCdSdOvdS15]. Algorithm [JJC19, YCYC12, ZW13, MT13, MLM17, Por18, Gun14]. Algorithmic [FHP+12]. Algorithms [BF18, GT10b, Gra15]. Aliasing [NS12]. Alignment [NNB18]. alike [DAA13].


Alting [WBM+10]. always [AJL16]. Analyses [Kri12, TN19, HB13, KMZN16, PMP+16, ZMG+14]. Analysis [ADJG19, AGM+17, Bul18, CPV15, Hol12, JJC19, KCD12, LHR19, MvDL12, NS12, RDCC12, RRB19, SPP+19, SOD15, SW12, SDC+12, SLES15, SLE+17, SR17, VP16, ZKB+16, AM14, Bra14, CFH+13, CDMR19, DHS15, GBY+11, HCN14, HWL11, KSW+14, KT14, KvGS+14, KPP+18, KRR19, LSBV16, LSBB17, LT14, MTL15, MKZ+14, MCC17, MB12, NSDD17, NS13, PIR17, PLR18, Pufl3, RLVB10, RRB17, SPP10, SNSB11, SBK13, SP10b, TLX17, TWX+10, TLMM13, TL17, TPG15, WA19, ZMY14, ZWS15, CH17].

Analytics [BBB+17, KB17, STCG13]. analyzer [FeR13, GN16, SMP10]. Analyzing [PLL+18, ZDK19, BTR+13, PSNS14].

Android [CNS13, MPM+12, STY+14, THC+14, ZHL+12, ZKB+16, vmtMV12]. AngularJS [RVT18]. Ann [CSdL16].

balances [FMBH15], balancing [PDPM+16], Ball [DD13], Bar [WCG+18], Barrier [CHMY19, CHMY15, VB14a], barriers [HJH10, WBM+10], Based [AFGG11, DLR16, GM12, GGZ+15, GCC18, LTD+12, MvdL12, MM12, PTML11, PiLCH11, PE11, RBL12, RT14, GD15, SLS+12, ST15, SWF12, YPM12, AZY18, AST+16, AD13, BBF+10, BBP13, BB17, BL15, CDM10, CSKB12, CJ17, CJ19, CPST14, CPST15, EKUR10, GT10a, GMC+13, HWM14, HWI+12, HOK14, HLWM11, IHWN12, IRJ+12, JEC+12, JO14, KATS12, KS13, KRCH14, KVRA14, KS14, Lon10a, Lon10b, MCC17, MB12, MCI+10, Ott18, PDPM+16, PSW11, SZ11, SBF13, SMP10, SPY+16, SV17, SNS+14, UIY10, UPR+18, VS17, XHH12, YP10, YKA+19, ZY+12, ZY+19], Basic [NBB18, CZ14], basic-block [CZ14], basics [Zak12], basierte [Ric14], Battery [ST15], battlefield [WT10], Bayesian [BS14, RKHN18], BeagleBone [Ric14], before [TD15], begone [MRMV12], Behavior [Sm18, IWB+15, RLV10, TABS12, WX16], Behavioral [LN15, AMWW15], behaviors [PCL14], behaviour [SMS+12], Beliefs [BA17], Ben [Teo12], Benchmark [GBC12, SMSB11], Benchmarking [CKS18, AIH+15, DMD17], benchmarks [KHM+11, RGEV11], benefit [HH13], best [Sch13], Better [Bro12, TD15], Between [ADJG19, PVB17, ZLH15, BKP16, CCM17, CSKB12, CSM+16, LSB17, RDP16, SH12], beyond [Mor18], Big [BF18, GTS+15, N WB+15, NFN+18, RK15, BOF17, BBXC13, RK19, SGG+14, WR10, XGD+19], billions [DRN14], Binary [WW+18, XXC19], bindings [VGRS16], bird [Guy14], Birthmark [PiLCH11], Bitcoin [TD17], BIXSAN [VS11], Blame [KT15], BLEak [VB18], Bloat [MSS10, N WB+18, XMA+14, BRGG12, BBXC13, XR10], bloat-aware [BBXC13], block [CZ14, KBL14], block-level [KBL14], blocking [DW10], Blockly [AMWW15], Blueshell [PWA13], boilerplate [ZCdSOvdS15], Book [Ano15, Ano18, Bro12, De13, Gve13, Kie13, Ngo12, Teo12, Teo13], Bookshelf [Ano18], Boosting [ASV+16, AC16], Bootstrapping [CBLF12], Bottle [DSEE13], bottlenecks [DSEE13], bottom [ZMNY14], bottom-up [ZMNY14], boundary [RP16], Bounded [NW+15, GMI14], Bounds [CS12, GV+11], boxes [BGDS13], Brain [VBZ+18], breaking [VB14a], Breakpoint [ZWL13], breakpoints [PS12], Brewing [WZL+18], Bridging [PVB17], Bringing [CV14, HRS+17, STS+13], Broken [dGRdB15], Browser [MSSK16, PVB17, FIF+15, VS11, VB14a, WGW+11, YK14], Browsers [HLSK13], Browsing [LY+18], Browsix [PVB17], BUbING [BMV18], Budget [GM12], buffered [DLZ+13], buffers [Gun14], Bug [RPP19, LWH+10], Bugs [OBPM17, XMD+17, EBS15, MDS+17, ODL15, Ryu16], Build [BMDK15, BNE16, ELW15, MAH12], Building [Sta10, SS19, HW+15, Ngo12], Business [CCA+12], Bytecode [BDT10, BSOG12, FHS10, SS12, RDC12, Rey13, SEK+19, AdCGGH16, CZ14, DLM10, SP10b, SMP10, VB14b], C [BB12, CDG+17, GBC12, KB11, LSB16, LSB17, NED+13, SRK17, Sta10, YSCX17, Zak18, ZWS15, C# [SSK13], C/C [BB12, NED+13], CA [KP15], cache [IN12, ZP14], caches [NGB16], calculations [VSG17], Calculi [FF17], calculus [AH10, PS10a], Call [FG12, PUL16, WZ+14, Xue12, SSB+14a], Call-site [SSB+14a], calling [HB13, SS14a, ZW+14], Calls [SW12, SS16], came [Car11], can [TPG15], can’t [WA19], capabilities [Ame13].
capability [RDF15]. capo [SMSB11].
capturing [BKC+13]. Card
[GMPS12, BL15, ABFM12, MLM17, MLM19, dCMMN12]. Cards
[BH12, GMPS12]. care [EKUR10]. Caring
[DA13]. carry [Ame13]. Cartesian
[SD16b]. Case
[LMZP19, ZMM+16, dGRdB+15, AMW15, HNTL12, JK11, MT13, SPPH10, Vit14].
Cassandra [FRM+15]. casts [SH12].
categorising [CMM17]. Catena [TD17].
Causal [MRF18]. Causes
[OBPM17, FRM+15]. CAV [KP15]. Cay
[Gve13]. CC [LSBV16, LSBV17], CCA
[FLZ+18, ZXL16]. Center [Hol12]. centric
[DHM+12, FOPZ14]. CERT [LMS+12].
chain [KSR14]. Challenges
[GM12, SWMV17, Sie17, SR17, AACR18].
Change [YXS+19, YQT15, MPR12].
Change-Level [YXS+19]. Changes
[MvDL12, CJ19, PTRV18]. Changing
[SSG+14]. Channel [Bul18]. channels
[AGH+17, LS11]. characteristics [ABC18].
Characterizing [CJ17]. check
[CS12, GyRN+11]. Checking
[BNE16, CSF+16, Cho14, FS12, JC10, JYKS12, ABFM12, BHSB14, BNS12, CVG+17, DLM10, FLL+13, HMDE12, KATS12, KvRHA14, LIT11, RR14, RAS16, RDFS15, TVD10, VYY10]. checkpointing
[SGV12]. checkpointing-enabled [SGV12].
Checks [FMH15]. CHERI [CDG+17].
chip [PS10b, Puf13, RS12, SPS17].
chip-multiprocessor [PS10b].
chip-multiprocessors [RS12]. Choice
[JCMM19, WB10]. CICS [R+13]. CIL
[BBF+10]. circular [Gun14, S10]. Circus
[ZLCW14, MCW19]. City [Hol12]. Class
[BS13, CSF+16, NCS10, CSKB12, HC10, MHM10, SC16, SM12, TSD+12]. Classes
[And14, SVB+17, WT11, CZ14, CS12, SZ10, TSD+12, VBDPM16]. Classifies [SD16a].
Classification [PBM+19, SS14]. Classifiers
[BS14]. Classifying [MHM10, PBB19].
Classless [WZdSOS17]. clicker [HA13].
Client [MS14, OBPM17, CH17, KRH16].
Client-Side [OBPM17, KRH16].
Client-State [MS14]. clients [SRB18].
Clojure [ECG12, FH11, VS10]. Cloned
[SSL18]. Closing [ZLHD15]. Closures
[BO11, BO12, BO13]. Cloud
[VDV17, WZK+19, BFS+18, GGC18, LZY16, TLMM13]. cloud-based [GGC18].
classified [PDM+16]. clustering
[MKK+12, MKK+13]. clusters [TRTD11].
Cocoa [Sta10]. Code
[ADG19, BH17, BNE16, CJ19, HC11, MSS19, MM16, PKPM19, Rk15, RLMM15, SRTR17, SVB+17, SV15a, SED14, WWG+18, XXCL19, AGR17, AK13, CCFB15, DRN14, FLZ+18, FH16, FMS+11, IS18, LVG10, MKK+12, MKK+13, NG13, OJ12, PTRV18, PBB19, PMP+16, PSH11, RFRS14, RBV16, RVK19, RO12, SSK13, Tai13, UTO13, VSG17, WKJ17, WGF11, WBA+11, WAB+11, WXS13, ZHL+12, ZXL16, ZWSS15].
Code-Issue-Introducing [CJ19]. coding
[LMS+12]. Coefficient [ADG19]. Coffin
[Teo12]. coherent [ZP14]. Cohesion
[RC17]. Cold [BZD17, WGF11]. Collect
[JCM19]. collected [AGGZ10]. collecting
[AHK+11]. Collection
[ASV+16, BF18, GM12, MAK19, QSaS+16, ST15, URJ18, ASME18, BP10, BO17, KPVH11, KLB14, NGB16, ODL15, PZM+10, PDP+16, SP10a, SMB14, Sie10, SBBL10, SKBL11, UIY10, UJR14]. Collections
[GS12, LN10a, LN10b, SC12, SV17]. collectives [RTET15, TRTD11]. Collector
[BH12, GTS+15, BCR13, BVG14b, Puf13]. Collectorens [Sch13]. collectors
[GTSS11, Sch13, XGD+19]. coloring [SS10].
Colt [BK16, WN10]. CoMA [AGR12].
Combating [NWB+18]. Combination
[BS14]. Combinatorial [YHY13].
combinators [MHB13]. Combining
[BDGS13, MSS19, MGI17]. commensal
Communication [JQJ+16, RTE+13, SK12, BJBK12, ETR+15, TTD+11].
communications [ETTD12, RTET15, TTD12]. Communities [ZMM+16]. COMP [CKS18]. Compact
[HWM+10, HWM11, JLI17]. Comparative [KB11, CDMR19, KFBK+15, SSL18]. comparing [MD15]. Comparison
[BKP16, ADI13, BJBK12, HH13, KvRHA14, SMS+12]. Comparisons [GGZ+15]. Compartmental
[WGW+11]. compatibility [DJB16, OIA+13]. compatible [ABCR10, Hor12].
Competition [CKS18]. Compilation [DLR16, PKPM19, CGJ+16, CMS+12, DLR14, FSC+13, IHWN12, JLP+14, JK13, JMO14, KS13, KHL+13, Lei17, MD15, MGI17, ZBB15]. compiled [NED+13, RO12, TMVB13]. Compiler
[JMB12, Loc18, NKH16, NWB+15, BBF+10, BRWA14, CIAD13, Cle16, HWM14, IHWN12, KMLS15, KS14, KC12, LSWM16, MDM17, Ott18, Rub14, TTS+10, TWSC10, VB14b, ZYZ+12]. compiler-compiler [KS14]. compiler-runtime [TWSC10]. compilers [Hos12, LMK16, RSB+14]. Compiling [Fee16, Hos12]. complementation [BS13]. Complete
[BO13, BR15, JC10, Sch14, Gri17, PSR15, RGM13, RRB17]. completeness [KBPS17]. completing [BS13]. completion [FH16].
Complexity [SSH17]. Compliance [GD12]. compliant [MZC10a]. component
[AST+16, CSKB12, GT10a]. component-based [AST+16, GT10a]. components [BMSZ17, FOPZ14, KS14].
Composable [SS10]. Composing [EAVBGV14]. Composition
[SK12, AGH+17, AH10, SZ10, VM15]. Comprehension [BGK17]. Comprehensive
[STST12, VBMA11, ZKB+16, MKZ+14]. Compressing [Gun14]. Computation
[HWM11, OAC18, DNB+12, KP15]. Computing
[Hol12, MPR12, NBB18, PWG17, PWG19, SHU16, TWNH12, WN10, AdSCdR+19, LZYP16, Rub14, TTD+11, VF10, TRE+13]. con [SMSB11]. conceptual [Tai13].
Concurrence [BG17, Bro12, SWF12, BVGVEA11a, CHM13, DMS11, HAW13, KHL+17, PPS16, Sub11, TD15, UR15]. Concurrent
[XMD+17, SS16]. Conference
[DDDF17, Hol12, KP15, LMK16, PDPM+16]. Configurations [PSJ18]. conflict [ABC18]. Conformance [AGR12, SKR17]. Confused
[CSF+16, CS12, DNB+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]. Consumption [MV16]. container [XR13].
containers [XR10]. Context
[HWM13, MM16, TL17, HB13, IvdS16, SSB+14a, ZYY+19]. Context-sensitive
[HWM13]. Contextual [MSSK16]. Continuous
[Teo12]. Continuously
[DTLM14]. Contracts
[YQTR15, HBT12, KT15, KKW11]. Control
[FGR12, FHSR12, TT11, TNTN12,

cross-program [KMZN16]. cross-thread [BKC+13]. Crowdsourcing [BH17].
customizations [LVG10]. customized [HB13]. cutting [AMWW15]. Cyclic [BMOG12, RS12].
[LCW18]. dependability [GD10].
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dependences [BKC+13, WLL19].
dependencies [ELW15].
Dependent [CHJ12, LE16]. deploying [R+13].
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RT+13, SW12, TRTD11, TKL+15,
VGR16, YCYC12, BBXC13, CS1L16,
GSD+15, IRJ+12, Lon10a, Lon10b, OA17,
SADB+16, SMS11, VM10, Xue12].
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destructive [FF10].
Detecting [BK12, HLO15, PiLCH11, XR10, FF10].
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Dynamically [WWG+18, CZ14, CMS+12, hEYJD12].
Dynamically-Generated [WWG+18].
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Free [DTLM14, FC11, GK15, HHB’14, NFV15]. free-form [GK15]. free-lunch [DTLM14].
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General [CHMY19, AdScdR’19, AZLY18, CHMY15, EKUR10]. general-purpose [AdScdR’19].

Generation [AGM’17, BH17, YWWW’18, CRJ’10, CMM’10, PPMH15, Pha18, PSNS14, Rim12, RO12, UMP10, ZYY’19].

genations [BOF17]. generators [SLF14].

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Goldilocks [EQ’10]. Good [dGRdB’15].

Google [Ngo12, MGI17, Sam12].

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[EKUR10]. heap [CSV15, LDL14, TLX17, Tar11, VYY10, YS10, BVGV10].
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[SFN+18]. Helping [RS14]. Hera [MS10].
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[BS13]. High
[GS+16, Hol12, IRJ+12, MSM+16, RGB18, SWU+15, URJ18, WN10, Zak10, BRWA14, Hos12, Ngo12, RFBJ14, TTD+11, TGD17, VJJ10, WFF18, WWH+17, TRE+13].
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[Hos12, RFBJ14, VJJ10].
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[URJ18, WN10, GS+16, BRWA14, Ngo12, TTD+11, WFF18, WWH+17]. higher
[KT15]. higher-order [KT15]. highly
[BP10, SPP+10]. history [DRN14]. hit
[ANO13]. Hoare [SD16b]. hole [ANO13].
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[JQ1+16]. HTM [CHM16]. HTML [STA10].
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[PB19, SBE+19, BZ17, FMS+11].
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[Han15, STA18]. If-transpiler [STA18].
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immutable [HMDE12, ZPL+10].
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imperative [RRF14]. implement
[HH17]. Implementation
[CSF+16, GPT12, HM12, NBB18, OA17, Por18, VGRS16, WP10]. implementations
[CSS+16, OJ12, PS10a]. Implementing
[FFF17, GM12, WCB16, EEEK+13, FBH17, PMP+16]. implications [BRGG12].
imply [SdS16, SPAK10]. imply
[BRGG12]. Improve [OTR+18, QSS16].
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[ACS+14, HWI+12, TWSC10, WGG+18, eBH11, UTO13]. in-depth [Rau14].
in-place [DVL13]. including [Den18].
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[LHR19, DS16, LWW+15, UIY10].
independent [IF16, VS11]. industrial
[CRJ+10]. ineffectively [XR10].
instructly-used [XR10]. Inference
[BO13, YHY13, AGZ10, CGJ+16, HyG12, HMDE12, RKHN18, Zha12]. Inferring
[PRV18, AS14, BENS12]. InfiniBand
[ETTD12, IRJ+12]. infinite [ASdMG14].
Inflow [ZMM+16]. influence [MHR+12].
Informa [HA13]. Information
[AS17, HBS16, KWH+13, RKN+18, SS12, AF12, ABFM12, BVGV11b, CMS+12, PMP12, RB17, ZYY+19].
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Infrastructure [Den18, NG12, WCST19].
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[LN15, WT11, AST+16, GBST13, NC10].
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[AMT17, ME14]. Initiation [FGR12].
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inline [DJLP10]. Inlining
[BA12, STA18, HWM13]. input [Pha18].
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, HKVG14, Sch10a]. integrity
[HDK⁺11]. Intel [CDMR19]. intelligence
[JACS10]. Intelligent
[LYM⁺18, NWB⁺18, SAdB⁺16]. inter
[AGH⁺17, BTR⁺13]. instrumenting [CZ14].
Integrated [Tar11, YP10]. integrating
[SPP⁺10]. integration
[Ame13, HKVG14, Sch10a]. integrity
[HDK⁺11]. Intel [CDMR19]. intelligence
[JACS10]. Intelligent
[LYM⁺18, NWB⁺18, SAdB⁺16]. inter
[AGH⁺17, BTR⁺13]. instrumenting [CZ14].
Integrated [Tar11, YP10]. integrating
[SPP⁺10]. integration
[Ame13, HKVG14, Sch10a]. integrity
[HDK⁺11]. Intel [CDMR19]. intelligence
[JACS10]. Intelligent
[LYM⁺18, NWB⁺18, SAdB⁺16]. inter
GYB+11, GM12, GBS14, GD12, GBC12, GS11, GS12, Gou11, GMC+13, GT10b, GJS+13, GJS'14, Gri17, GPT12, GK15, HL13, HD17, HdM17, Has12, HWM10, HWM13, HWM14, HA13, HM12, HTLC10, HKVG14, HH13, HOKO14, HGCA11, Hor11, Hor12, HC13, HC10, HZZK19, HWLM11, HJ12, IHWN12, IN12, IS18, IF16, JC10, JEC+12, QJF+16, JLL17, Jen12, JB12, JYKS12, JTO12, JH11, J+12, JMB12, JMO14, KHR11, KHM+11, KMLS15, KS13, KW10, KW11, KPP+18, KM10], Java [KSR14, KSPK12, KDPG18, KS14, KF11, KB11, LSBV16, LSBV17, LTD+12, LMK16, LSWM16, LLL13, LT11, LT14, LZYP16, LXP18, LYBB13a, LYBB13b, LYBB14, Lz12, LKP19, Loc13, Loc18, Lon10a, Lon10b, LMS+12, LO15, LPA13, LWC17, LTK17, LS11, Lyo12, MKZ+14, MS13, MME+10, MLGA11, MDS+17, MCC17, MPM+15, MZC10b, MKTD17, MM16, M HH10, MAH12, MB12, MCY+10, MGS19, MPR12, MLM17, MLM19, MKK+12, MKK+13, MSS10, MCW19, MhH15, MT14, MDHS10, NM10, NCS10, NS12, NII12a, NII12b, NG13, NNTK17, NBB18, Oak14, OOK+10, OMK+10, OIA+13, OUY+13, OW16, OJ12, OCFL14, PS11, PLL+18, PdMG12, PTML11, PMTL14, PHTH14, P12, PiLCH11, PBMH13, PBB19, PPMH15, PMP+16, PQD12, PVH14, PTF+15, PS10a, PS10b, PDPM+16, Pos19, PSS11, PfU13, PKC+13, QLBS17, RD15], Java [RDCP12, RTE+13, RTET15, RR14, RS12, RHT13, R+13, RBL12, RAS16, RS12, Rey13, Rez12, RVP11, RLM15, RRB19, RB15, RvB14, SSL18, SSB+14a, SE12, SRB18, SRTR17, STST12, SS12, Sch14, Sch13, Sch10a, SPPH10, SKR11, SDH+17, Sch10b, SSMGD10, SZ10, Set13, SMSBB11, SMS+12, SM12, SDM12, SWMV17, SW12, SVG12, SKBL11, SD16a, SJPS10, SLS+12, SKR17, SS14, SABB19, SP10b, SMP10, SBE+19, SPP+10, SWB+15, SSB01, SSB14b, ST15, SPS17, SSG+14, SS19, STS+13, Sle14, SW12, TRTD11, TTD+11, TTD12, TREG+13, TLL11, TWX+10, TFPB14, TN19, TWHN12, TTN12, TGZ17, TJL18, TKL+15, UR15, UPR+18, VSG17, VGRS16, VBDPM16, VBDMP16, VGS14, VBAM10a, VBAM10b, VBMA11, WGF11, Wan11, WzDSOS17, WCT19, WLI19, WBM+10, WK12, WCB16, WN10, WRI+10, WA19, WHV+13], Java [WHIN11, WZ+18, WBA+11, WAB+11, WWS13, XHH12, XR13, XMD+17, Xue12, YP10, YKM17, YKA+19, YDF15, ZlvdS17, Zak12, ZP14, ZLCW14, ZHL+12, ZXL16, ZKB+16, ZYY+19, ZWSS15, ZPL+10, ZDS14, dCMMN12, dMRH12, eBH11, eED12, vdMvdMV12, Del13], Java-Based [AFGG11, SLS+12, ST15, SWF12, CJ17, CJ19, HOKO14, JMO14, KS13, KS14, MB12, MCY+10], Java-compatible [ABCR10], Java-like [BDGS13, BCD13, DJLP10, SZ10], Java-to-HDL [Ouy+13], Java-to-JavaScript [LSWM16], Java.util.Collection.sort [dGRdB+15], Java/JSP [Sch10b, Java/Scala [Pos19], JavaBean [MZZ10a], JavaBIP [BMSZ17], JavaCC [GN16], JavaCOP [MME+10], JavAdaptor [PKC+13], JavaFX [Top11], JavaGI [WT10, WT11], JavaScript [Ano15, Kie13, Ric14, Teo13, CH17, AMT17, ACS+14, AKH+15, AGM+17, AMWW15, BNP+18, BCF+14, BBP13, Cec11, Chai8, CGJ+16, CVG+17, CBLFD12, Ch14, CHJ12, Dei10, Dei11, DcSG12, DiP18a, DiP18b, DFHP15, FMM+11, FM13, FH16, FBH17, FSC+13, FZ17, FOPZ14, GMS12, Guo17, HyG12, Hav11, HBS16, HSK13, HHS13, HC11, HOSC16, KR12, KSW+14, KRH16, KT14, Ker15, KFBK+15, Kie10, KBL14, KRR19, KARO12, Kri12, LSWM16, Ler10, LVG10, LPGK14, Liu14, LML17, MTL15, MTL17, MPS12, MGI17, MHL15, MRMV12, Mil13, MM12, MMP15, Mor18, NKKH16, NSDD17, OBPM17, PWSG17,
May 2019, PLDI17, PKO16, PKPM19, PDDD17, PKO15, PLR15, PLR18, PKPM19, PDDD17, PKO15, PLR15, PLR18, PKPM19, PDDD17, PKO16, PLR15, PLR18, PLR13, ERGEV11, RHN13, RW17, Ryu16, RPP19, SMN12, STA18, Sev12a, Sev12b, SVB17, SDC12, Sta10, Ste10.

JavaScript
[SRI17, SFR14, TAF15, TT11, VM15, VP16, VB14b, Wall2, WCST19, WXR16, YW13, Zak18, Zak10, dM18, BM18, KCD12, Mei14, Ano18, Kie13, Teo12, Teo13].

JavaScriptCore [Piz17], JaVerT [SMN18], JAWS [PKO15], JBInsTrace [CZ14], JCloudScale [ZLHD15], JCML [dCMNN12], JCSI [ABFM12], JCSPr [WBM10], JDiffraction [PQTGS17], JDK [SRB18], JDMM [ZP14], JEqualityGen [GRF11], JET [LT11], JGRIM [MZC10b], Jinn [LWH10], JIT [BBB10, BB17], CMS12, HWM14, IHWN12, JK13, NED13, Ott18, RSB14, WKJ17, ZYZ12], JIT-based [BB17], JITs [KRC14], jMarkov [CRAT12], JML [CRJ10, TJLL18], JML-annotated [TJLL18], JNI [CDG17], Joe [Ano18], Johnny [WA19], join [MZC10a], Jonge [Ngo12], Journey [Ryu16], joy [FH11], JP2 [SSB14a], JPC [CMM17], JPFS [WK17, WC18], JPR [WK17].

jQuery [AM14, PIR17], JR [OW16].

JR-like [OW16], JRE [CZ14].

JS [AHK15, Port11], js-emass [Port11].

Js_of_ocaml [VB14b], JSART [MM12].

JS2 [CHA19], JS2 [RB15], JS2 [BB17], JSOrndm [Del16], JSP [Sch16b].

JTabWB [FFF17], JTRES [HTW14].

JTRES2011 [RHT13], JTRRES2013 [Fox17b].

JTRRES2014 [Fox17a], judgment [CSV15], Juliet [BB12], July [Bro12, KP15], Jump [WBHN18], jungle [Sew12].

Just [DLR16, TN19, KHL13, LMK16, MGI17, TTS10].

Just-In-Time [TN19, DLR16, KHL13, LMK16, MGI17, TTS10].

JVM [AC16, AFG11, CSS16, Guy14, MS10, PVH14, R13, RRB17, SV15b, Sub11, WKG17].

JVMs
[BR14, ZYZ12].

K-Java [BR15], kernel [HDK11].

Key [BBB17, DFR13, JB12], key-value [DFR13], keynote [McK16], Kirk [Del13].

KiWi [BBB17], KJS [PSR15].

Knoernschild [Del13], knot [LBF12].

know [DJ16, Gra15, Han15].

Knowledge [KSPK12, UMP10].

known [Han15].

Kraken [Ano14].

Lake [Hol12], lambda [MKT17], lamdas [D15], landscape [Sve14], Languages [DLPT14, GJS14, JJS14, GSS18, JC10, KSPK12, MAHK16, Sev12b, SS13, WBHN18, ABCR10, CRM17, CSDl16, DAA13, EKR12, Fee16, GSS16, Hos12, HWW15, KCR14, LWH10, LE16, MDMA17, SC16, SZ10, SKR17, SNS14, VB14a, WCG14, WWH17, ZWSS15, dCMNN12].

language-level [WCG14].

Language-Neutral [WBHN18].

Languages [CSGT17, MSM16, PTH14, YKM17, AGGZ10, BCD13, CMS12, EEE13, ER14, FMBH15, Han15, HBT12, HJS10, KRR14, MSM10, NED13, PULO16, SPY16, Zah12], LARD [WCG14].

Large [BA17, AST16, CCFB15, CJ19, LSBV16, LSBV16, MDS17, MCY10, PTF15, WHIN11].

Large-Scale [BA17, CJ19, MDS17, MCY10, PTF15, WHIN11].

Latency [MV16, ETR15, JH11], lawn [CH17], laws [DMS11].

Layer
[OTR18, SKKR11, Den18], layered [RCR14], lazy [TD15].

Leading
[MSS10, PGA18].

leak [SS14, JR31, YSXC17].

Leaks
[And14, RW17, VB18].

LeakSpot [RW17].

lean [BRGG12, SV15b].

Learn [RT14].

Learning [JJCO19, PSJ18, Pan14, RT14, BSAL18, CNS13, KC12, Ano15, Teo13].

learnt [GY16].

Legacy
Legally [Sam12]. length [SMP10]. Less [BNE16].
Lessons [URJ18]. Level
[AC16, MGI14, SWU+15, XYS+19, EKUR10, Hos12, IHWN12, KBL14, LWC17, MGI17, RFBJ14, TTD+11, VWJB10, WCG14]. leveraging [WCST19]. Lexical [GN16]. Lexicon [TAF+18]. Libraries [BK12, RDCP12, BIvdS17, Cho14, EKR+12, PMTL14, PLR18, TTD+11]. Library
[CH17, CWGA17, NBB18, OCFLI14, TAF+18, WN10, dJM18, CMM17, PMP+16, PQTGS17, Pos19, TFPB14, TGZ17]. License [GD12]. Life [Esq11]. LIFT
[BTR+13]. Light [MvH15]. Light-weight
[BW12, KBL14, KKK+17, RO12]. like [BDGS13, BCD13, DLP10, PMTL14, SZ10, VGS14, OW16]. Lime [ABCRI0]. line [SV17]. linearizability [LTZ14]. lines
[LDL14]. load [PDPM+16]. loaders [SM12]. loading [WGF11]. Local
[FC11, N10, NFV15, UMP10]. Lock-free [FC11, NFV15]. Locking
[GGRSY17, JTO12, GGRSY14, GGRSY15, YKA+19]. locks [SPS17]. Logging
[CJ19, CJ17]. Logic
[ZLNPM18, GMS12, Pha18, SD16b]. loop [DD13, HW+12, PLR18]. Loops
[RD15, LLL13]. loss [WHIN11]. Low
[ETR+15, GM12, SWU+15, WCG14, ZHCB15, ZFK+16, BCR13, XMA+10]. Low-Budget [GM12]. Low-latency

m [MZC10b]. m-JGRIM [MZC10b]. M2M [Pau14]. Machine [JJCO19, LYBB14, Amel3, CBLFD12, KS13, KCI2, McMI1, Piz17, SSMGD10, WGF11, WH+13, BZD17, Cle16, LYBB13a, LYBB13b, LTK17, PTHH14, RRB19, SSB+14a, Sch13, Set13, SMSB11, SGV12, SSB01, SSB14b, UR15]. Machine-Learning [JJCO19]. Machines
[MAHK16, NFN+18, NBW+18, BM14, CBGM12, GTR+10, ZIvdS17]. Managed-Language [MAHK16]. Management
[OTR+18, Pau14, YPMM12, AHK+15, BVGV14a, BGS+13, EKUR10, HB13, KCP+17, KB17, MLM17, N1012b, PCL14, SWB+15, Tar11, WGW+11]. manipulating [KRR19, YS10]. Manipulation [MS14]. manual
[KCP+17, KPP+18]. many [GTSS11, SV18]. Map
[BBB+17]. mapped [SV15]. Mapping
[LTDD+12, UR15]. MapReduce
[LZYP16, RFRS14, SKBL11]. maps
[NVF15, SV18]. mashup [ETR12]. Masses
[BW12]. Mathematics [dJM18]. MATLAB
[Alt12, FBH17, PMTL14, V10, Has12]. MATLAB-like [PMTL14]. matrix
[HD17, TGZ17]. matters [DJB16]. Maxine
[WH+13]. MCAPL [Den18]. me
[LCL18, CMM+10, GM12, XHH12]. ME-Based [GM12]. mean [Rub14]. Means
[SS19]. Measurement
[YPMM12, YW13]. Measurement-Based [YPMM12]. Measuring
[DW10, DTL14, Gra15, JH11]. mechanical [ZZK13]. mechanised
[BCC+14]. Mechanising [Loc18]. Media
[Bro12]. meets [KHL+13]. Memento
[CPST15]. memoization [TPG15].
memories [ASME18]. Memory [BG17, JYKS12, MSM+16, NWB+18, OTR+18, SS14, ST15, WZL+18, AHK+11, AHK+15, AGGZ10, BSMB16, BFS+18, CWW13, DLZ+13, DVL13, FC11, FF10, GYB+11, HHH+14, HB13, KHL+17, KCP+17, KB17, Loc13, MSM+10, MLM17, Nil12b, OMK+10, RW17, SMS+12, SMN+12, SWB+15, SV15a, Tar11, TVD10, VB18, WGB+11, XR13, YSCX17, ZP14, ZHCB15, ZBB17].
MemSAT [TVD10]. merge [ABC18].
Mergesort [LL15]. merging [TLX17].
Model [Bul18, CSF+16, CDG+17, CCA+12, DLR16, FSK12, JJC019, JYKS12, Loc18, MSM+16, MCC17, MV16, BVGVE11a, FGB+19, CHM13, CWW13, CV14, CS12, CSKB12, DLZ+13, FLZ+18, GY16, HAW13, Loc13, LSSD14, MLT17, MSM+10, PWW11, RR14, RV16, RAS16, RDF15, SMN+12, SSG+14, SS19, Ta13, WJB10, ZP14, ZXL16].
Multi-threaded [WRI+10], Multi-threats [BGS+13], Multi-version [FC11], Multicore [ASV+16, CCH11, MKG+17, SE12, SSMD10, TWX+10], Multi-platform [ZKB+16]. Multiple [AF12, AS17, HLSK13, CSV15, DD13], Multiplexing [BVGVEAFG11], Multiprocessing [VGS14], Multiprocessor [PS10b, PWA13, SPS17], Multiprocessors [KW11, RS12], Multithreaded [KKW14, Loc18, SR14a, BNS12, DJLP10, Fer13], Multithreading [CCH11], Multithreading [CH11], Multivariate [AO11], Multiway [YKA+19], Mungo [KDPG18].

MySQL [Ano15].

Names [SRTR17]. Naming [STST12].

Native [JQI+16, LT11, LT14, KFBK+15, STS+13].

Natural [LL15], naturalness [HBG+16].

NDetermin [BENS12]. Nested [CHM16, ZLB+13], Netflix [Liu14], Network [CC15, GGC18, RR14], Networking [Hol12], Networks [AFGG11, ETR+15, ZYY+19], neural [ZYY+19], neuromorphic [HTNL12].

Neutral [WBHN18]. Next [YWW+18, CRJ+10, CMM+10].

Next-Generation [YWW+18], NG2C [BOF17], NGS [YWW+18], NGS-FC [YWW+18], Nicolai [Bal18], Nixon [Ano15], No [BVGVEA10], No-Heap [BVGVEA10], NoCs [PWA13], Node [HC11, BJJK12], Node.js [BSMB16, MTL15, Ano14], nodes [DRN14].

Nominal [BO13]. Non [BVGVEA11b, BSOG12, GGZ+15, TD17, WZL+18, YKM17, MZC10a, OMK+10, SSL18, ZP14], Non-Adequate [GGZ+15].

Obfuscated [KCD12], Obfuscation [CCFB15], Obfuscations [CSK17].

Object-Oriented [GS11, KB11, LZ12, NBW+15, PTHH14, PiLCH11, RCI7, Sev12a, SW12, AST+16, BZD17, DDDF17, FMBH15, IvdS16, KRR19, MME14, MHO13, RDF15, UJR14, VM10, WM10, ZChsd15, Zha12, ZDS14, hEYJD12], Object-Bounded [NBW+15], Object-constraint [FMBH15], object-manipulating [KRR19].

On-the-fly [URJ18, UJR14], one [SV18].
[NM10]. Ontology [KSPK12]. OoJava
[JhED11]. Open
[BSA14, GD12, ABC18, CJ17, CJ19,
EKUR10, JK11, Tai13, VGRS16].
Open-Source [BSA14, ABC18, Tai13].
OpenJDK [BFS18, CHM16, dGRdB+15].
OpenMP [VGS14]. OpenMP-like
[VGS14]. operating [HDK11]. operation
[KKW11]. operations [TABS12, TGZ17].
Operator [PQD12]. Optimisation
[PPS16]. Optimistic
[WGF11]. Optimization
[LTD12, RRB19, YKM17, AFG+11, BDB11,
DSSF17, JMO14, KS13, KC12, NG12].
Optimizations [DR10, BB17, CPST15,
DS16, NG13, SAdB+16]. Optimized
[PKPM19]. Optimizing
[LYM18, SV15b, WZZ+19, YRHB13,
HWW15, KRH16, MD15, ZLB14].
optional [CMS12]. Oracle
[LMS12, Sam12]. ORB [OUY+13]. Order
[SGD15, JhED11, KT15, TD15]. ordering
[KC12]. Orders [BNE16]. ordinary
[MZC10a]. O’Reilly [Ano15, Bro12].
Oriented
[ABMV12, BH10, GS11, KB11, LYM18,
RC17, AST16, DSSF17, EABVG14,
MBH03, PTHH14, RVP11, VM10,
VBAM10b, WBA11, ZDS14, hEYJD12].
OSck [HDK11]. OSGi
[BVGV13, GD10, Del13]. OSS
[ZMM16]. other [EKUR10, KS13].
out-of-order [JhED11]. output [MK10].
Over-exposed [VBDP16]. overhead
[BCR13, ZHCB15, ZFK16]. overlap
[ADJG19]. overlay [CDTM10].
Overloading [PQD12]. overview [Nil12b].
own [MPM15]. Ownership
[ZPL10, BDGS13, DDM11].
PaaS [ZLHD15]. Package
[SLS12, CRAT12, MB12, OW16, AK13].
Packages [PilCH11]. PackedObjects
[YKA19]. panic [Ano12]. Paper
[DUMMY17, PDOPM16, Cha18, SV15a].
paperback [Ano18]. Papers
[DV13, HL13, LMK16, Puf13]. Parallel
[DS16, Esq11, LLL13, LHR19, MKG+17,
NKH16, NBB18, QSaS+16, RD15, RSI12,
AARR18, BP10, BPP13, BSMB16, CRP+10,
MGS19, NG12, NG13, PPMH15, Sie10, SZ11,
TDD12, Ta13, VY10, BKP16, WN10].
Parallelisation [GS11]. Parallelism
[NKH16, BENS12, HSS13, MZC10a,
RHD15, TWL12, ZLB13].
parallelization [SS16, YRHB13].
parallelize [LPA13]. Parallelizing
[NKH16, hEYJD12]. parameters [GBS14].
Parametric [AGGZ10, PULO16, UT013].
Parlog [Bla18]. Part [OP15]. ParTejas
[MKG17]. Partial [CSK17, JB12, SGD15,
BS13, MD15, TD15, WGF11, YWH17].
Partial-Order [SGD15, TD15]. Partially
[BLH12, BCR11]. Partitioning
[AD16, BS12]. party [FOPZ14, LVG10].
passing
[ETTD12, TRTD11, TDD12, UR15]. Path
[SGD15, AZLY18, DD13, HSS13, SAD10].
path-based [AZLY18]. path-length
[SAD10]. Path-Sensitive [SGD15].
pathfinder
[KPP12, CS12, MP12, NNTK17, PDMD12,
SM12, vvdMvdMV12, Den18, RR14]. patient
[EKUR10]. patient-level [EKR10].
pattern [GSD+15, SADB+16]. Patterns
[RC17, BVGV13, Del13, Ste10]. PayPal
[Ano14]. PCR [YC12]. PCR-RFLP
[YCY12]. PE [JB12]. PE-Key [JB12].
perceptible [JH11]. Perfect [SLE17].
Perform [LMZP19]. Performance
[ACCR18, CSZ17, CCH11, DR10, GBC12,
Hol12, HJ12, MSM16, Oak14, OCF114,
QSaS+16, RVT18, TRE13, TPG15,
THC14, URJ18, VP16, YWH18, WN10,
ACS14, AAB10, BRGG12, BRWA14,
CBGM12, Dei11, GSS+16, HWI+12, IRJ+12, JH11, Ngo12, ODL15, PSNS14, SE12, TTD+11, TWX+10, WFF18, WHIN11, WWH+17, Zak10. performance-guided [PSNS14]. permission [HBT12, SNS+14].


Platform [AFGG11, PE11, WBHN18, BD17, CRJ+10, CMM+10, GD10, GCM+13, MKZ+14, PWA13, YP10]. Platforms [DR10, Has12, BP10, JMO14, KSR14].

PLDI [FLL+13]. pluggable [MME+10].

Point [Jaf13, AJL16]. Pointer [LHR19, TL17]. Pointers [RKN+18, AT16]. Points [BK12, SDC+12, BSAL18, DHS15, SBK13, TLX17]. Points-To [SDC+12, BSAL18, DHS15, SBK13, TLX17].


polyorphism [GTM14, PUL016, UTO13]. polynomial [Pos19]. POLP [BCR13].

Popular [Has12, SRB18].


Practice [HGC11, AS14, EKUR10, LWC17, TRET+13]. practices [CJ17, YW13]. Pragmatic [Ano18, RO12]. pre [SBK13].

pre-processing [SBK13]. Precise [PIR17, TN19, XR13, BHSB14, CVG+17, HyG12, PRR18, PG12, RGM13, TLX17, WFF18].


Priority [ASV+16, HM12]. Privacy [And14]. Proactive [CL17, BGS+13].

PROB [YP10]. Probabilistic [RBV16, GY16, ZWH+14]. Problem [HY13, ZW13, J+12, KC12].


Processor [TKL+15, Puf13, SPPH10, SMN+12]. Processors [ASV+16, MKG+17].


profile-guided [Ott18]. profiler [DTLM14]. profilers [MDHS10]. profiling [DD13, JH11, KRH16, NK10, RCt17, SS+14a, STY+14, TH+14, WLL19, XRL3, ZBB15].

Program [BGK17, JCO19, KKW14, RKV15, RT14, WCG+18, ZKB+16, AZLY18, AO11, DS16, GMS12, HCN14, JH11, JWMC15, KM10, KMN16, MKZ+14, NS13, RKHN18, RKV19, Sch10a, SPY+16, Tai13, TABS12, UPR+18, WGF11, ZMG+14].
EABVGV14, Fox17a, GMC+13, HTLC10, KHM+11, KPHV11, KvGS+14, KW10, KSR14, LTK17, PS10b, PZM+10, PSW11, Puft13, RHT13, SP10a, SIE10, SPS17.

realtime [OYU+13], Reasoning [LN15, Sun18, ABK+16, MLiT17, RKHN18]. Recaf [IVlSi17]. recipes [J+12].


Reduction [BO12, MSS19, TD15]. redundant [HL015]. reengineering [FGB+19]. Refactoring [AS14, STST12, VBZ+18, ZHL+12, FM1T11, FM13].


rename [FM13]. Repair [SEK+19, XMD+17, ZLNPI8, MDS+17, SH16].

repeatability [Vit14]. Replacement [WBHN18, BCD13]. Replay [BH12].


representation [AZLY18]. reproducibility [Vit14]. reproduction [SR14b].

Requirements [MSS19, AGGZ10]. ResAna [KVGS+14]. Research [SR17, TRE+13, CRJ+10, CBLFD12, EKUR10, Rub14, VBMDP16, Vit14].


Robots [SWF12]. Robust [VM15, VDV17, MKZ+14, SGV12, VM10].


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