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

Title word cross-reference

[PLL+18, SS19, SD16b, SGG+17]. $N [ADJG19, WZK+19]. $Z_p [AO11].
/multi [Taf13]. /multi-threaded [Taf13].
'12 [Hol12]. 12th [Fox17a].
5 [KHR11].
6 [Jen12].
7 [Ano15, EV13, J+12]. 75 [HWM11].
8 [BKP16, CWGA17, LYBB14, SAdB+16, UFM15].
barriers [HJH10, WBM†10]. Based
[AFGG11, DLR16, GM12, GGZ†15, GCC18, LTD†12, MvDL12, MM12, PTML11, PiLCH11, PE11, RBL12, RT14, SGD15, SLS†12, ST15, SWF12, YPMM12, AYZ10, AZLY18, AST†16, AD13, BBF†10, BBP13, BB17, BL15, CDTM10, CSKB12, CJ17, CJ19, CPST14, CPST15, EKUR10, GT10a, GMC†13, HWM14, HWI†12, HOK14, HWLMI11, IHWN12, IRJ†12, JEC†12, JMO14, KATS12, KS13, KRCH14, KS14, Lon10a, Lon10b, MCC17, MB12, MCV†10, Ott18, PDPM†16, PSW11, SZ11, SBBK13, SMP10, SPY†16, SV17, SNS†14, UIY10, UPR†18, VSG17, XHH12, YP10, YKA†19, ZYZ†12, ZYY†19].

[BSA14, RKHN18]. BeagleBone [Ric14]. before [TD15]. begone [MRMV12].

Benchmarking
[ADJC919, PV17, ZLHD15, BK16, CMM17, CSKB12, CSF†16, LSBB16, LSBB17, RDP16, SH12]. beyond [Mor18].

Big [BF18, GTS†15, NBB†15, NFN†18, RVK15, BOF17, BBX13C, RYK19, SSG†14, WR10, XGD†19]. billions [DRN14].

Binary [WWG†18]. bindings [VGRS16].


Bitcoin [TD17]. BIXSAN [VS11]. Blame
[KT15]. Bleaf [VB18]. Bloat
[MSS10, NBB†18, XMA†14, BRGG12, BBX13C, XR10]. bloat-aware [BBX13C].
block [CZ14, KBL14]. block-level [KBL14]. blocking [DW10]. Blockly [AMWW15].

Blueshell [PWA13]. boilerplate
[ZCdSOvdS15]. Book
[Ano15, Ano18, BDP12, Del13, Gve13, Kie13, NCO12, Teo12, Teo13]. Bookshelf [Ano18].

Boosting [ASV†16, AC16]. Bootstrapping
[CBLFD12]. Bottle [DSEE13]. bottlenecks
[DSEE13]. bottom [ZMNY14]. bottom-up
[ZMNY14]. boundary [RDF16]. Bounded
[NWB†15, GML14]. Bounds
[SW12, GV1N†11]. boxes [BDGS13]. Brain
[VBZ†18]. breaking [VB14a]. Breakpoint
[ZW13]. breakpoints [PS12]. Brewing
[WZL†18]. Bridging [PVB17]. Bringing
[CW14, HRS†17, STS†13]. Broken
[dGRdB†15]. Browser [MSSK16, PVB17, FIF†15, VS11, VB14a, WGW†11, YK14].

Browsers [HLSK13]. Browsing [LYM†18].

Browsix [PVB17]. BUbiNG [MSV18].

Budget [GM12]. buffered [DLZ†13].
buffers [Gun14]. Bug [RPP19, LWH†10].

Bugs [OBPM17, XMD†17, ECS15, MDS†17, OD15, RYU16]. Build
[BMKD15, BNE16, ELW15, MAH12].

Building [SCT10, SS19, HWW†15, NCO12].

Business [CCA†12]. Bytecode
[BDT10, BSOG12, FHSR12, NS12, RDCP12, Rey13, SEK†19, AC16].

C [BB12, CDG†17, GBC12, KB11, LSBB16, LSBB17, NED†13, SRTR17, Sta10, ZAK18, ZWSS15]. C# [SSK13]. C/C
[BB12, NED†13]. CA [KF†15]. cache
[IN12, ZP14]. caches [NGB16].

calculations [VSG17]. Calculi [FFF17].
calculus [AH10, PS10a]. Call [FG12, PUL016, ZWZ†14, XUE12, SSB†14a].

Call-site [SSB†14a]. calling
[HB13, SSB†14a, ZWZ†14]. Calls
[SW12, SS16]. came [Car11]. can [TPG15].
can’t [WA19]. capabilities [Ane13].
capability [RDF15]. capo [SMS11].
capturing [BKC†13]. Card
[GMP12, BL15, ABFM12, MDMM17].
MLM19, dCMMN12. Cards
[BH12, GMP12]. care [EKUR10]. Caring
[DA13]. carry [Ame13]. Cartesian
[SD16b]. Case
[ZMM16, dGRdB15, AMW15, HNTL12, JK11, MT13, SPPH10, Vit14]. Cassandra [FRM15]. casts [SH12].
categorising [CMM17]. Catena [TD17].
Causal [MRF18]. Causes
[OBPM17, FRM15]. CAV [KP15]. Cay
[Gve13]. CC [LSBV16, LSVB17]. CCA
[FLZ18, ZXL16]. Center [Hol12]. centric
[DHM12, FOPZ14]. CERT [LMS12].
chain [KSR14]. Challenges
[GM12, SWMV17, Sie17, SR17, AACR18].
Change [YQTR15, MPR12]. Changes
[MvDL12, CJ19, PTRV18]. Changing
[SSG14]. Channel [Bul18]. channels
[AGH17, LS11]. characteristics [ABC18].
Characterizing [CJ17]. check
[CS12, GvRN11]. Checking
[BNE16, CSF16, Cho14, FSK12, JC10, JYKS12, ABFM12, BHSB14, BNS12, CVG17, DLM10, FLL13, HMDE12, KATS12, KvRHA14, LT11, RR14, RAS16, RDF15, TVD10, VYY10]. checkpointing
[SGV12]. checkpointing-enabled [SGV12].
Checks [FMBH15]. CHERRI [CDG17].
chip [PS10b, Puf13, RS12, SPS17].
chip-multiprocessor [PS10b].
chip-multiprocessors [RS12]. Choice
[JCMM19, WBM10]. CICS [R13]. CIL
[BFB10]. circular [Gun14, SZ10]. Circus
[ZLCW14, MCV19]. City [Hol12]. Class
[BS13, CSF16, NCS10, CKSB12, HC10, MHM10, SC16, SM12, TSD12]. Classes
[And14, SVB17, WT11, CZ14, CS12, SZ10, TSD12, VBDPM16]. Classifies [SD16a].
Classification [PBMB19, SS14]. Classifiers
[BSA14]. Classifying [MHH10, PBB19].
Classless [WZdSOS17]. clicker [HA13].
Client [MS14, OBPM17, CH17, KRH16].
Client-Side [OBPM17, KRH16].
Client-State [MS14]. clients [SRB18].
Clojure [EGC12, FH11, VS10]. Cloned
[SSL18]. Closing [ZLHD15]. Closures
[BO11, BO12, BO13]. Cloud
[VDV17, WZK19, BFS18, GGC18, LZYP16, TLMM13]. cloud-based [GGC18].
clustered [PDPM16]. clustering
[MMK12, MKK13]. clusters [TRTD11].
Cocoa [Sta10]. Code
[ADJG19, BH17, BNE16, CJ19, HC11, MSS19, MM16, PKPM19, RVK15, RLMM15, SRR17, SVB17, SV15a, SED14, WWG18, AGR17, AK13, CCFB15, DRN14, FLZ18, FI16, FMS11, IS18, LGG10, MKK12, MKK13, NG13, OJ12, PTRV18, PBB17, PMP16, PSW11, RFRS14, RBV16, RVK19, RO12, SSK13, Tai13, UTO13, VGG17, WJK17, WGF11, WBA11, WAB11, WWS13, ZHL12, ZXL16, ZWSS15].
Code-Issue-Introducing [CJ19]. coding
[LMS12]. Coefficient [ADJG19]. Coffin
[Teo12]. coherent [ZP14]. Cohesion
[RC17]. Cold [BZD17, WGF11]. Collect
[JCM19]. collected [AGGZ10]. collecting
[AHK11]. Collection
[ASV16, BF18, GM12, MAK19, QSaS16, ST15, URR18, ASME18, BPI10, BOF17, KPHV11, KBL14, NGB16, ODL15, PZM10, PDPM16, SP10a, SMB14, Sie10, SBL10, SKBL11, UIY10, UJR14].
Collections
[GS12, Lon10a, Lon10b, PL12, SV15b, SV17].
collectives [RTET15, TRTD11]. Collector
[BH12, GTS15, BCR13, BVGV14b, Puf13].
Collectorens [Sch13]. collectors
[GTSS11, Sch13, XGD19]. coloring [SS10].
Colt [BKP16, WN10]. CoMA [AGR12].
Combating [WNB18]. Combination
[BSA14]. Combinatorial [YHY13].
combinators [MHB13]. Combining
[BDGS13, MSS19, MGI17]. commensal
[BRWA14]. comments [PBB19, ZYY19].
Commercial [ZMM16]. commodity
[BK14]. Common [FlPCH11].
Communication [JQ16, RTE13, SK12, BJBK12, ETR15, TTD11].


Comparative [KB11, CDMR19, KFBK'15, SSL18]. Comparing [MD15]. Comparison [MD15].

Compact [HWM10, HWM11, JHL17]. Comparative [KB11, CDMR19, KFBK'15, SSL18]. Comparing [MD15]. Comparison [MD15].

Comparative [KB11, CDMR19, KFBK'15, SSL18]. Comparing [MD15]. Comparison [MD15].


Comparative [KB11, CDMR19, KFBK'15, SSL18]. Comparing [MD15]. Comparison [MD15].


Comparative [KB11, CDMR19, KFBK'15, SSL18]. Comparing [MD15]. Comparison [MD15].


customizations [LVG10]. customized [HB13]. cutting [AMWW15]. Cyclic [MOG12, RS12].

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

DAA [DK10]. Data [Bra14, MBOG12, BA17, BF18, GM12, GTS+15, GT10b, JJO19, NH16, HWB+15, NFN+18, HWB+18, TAF+18, YWW+18, ZLN18, dMRH12, BK14, BB17, BOF17, BBXC13, BJ012, CDTM10, CRP+10, DFR13, DHM+12, EKUR10, FOPZ14, KB17, LDL14, MRA+17, NL14, SADB+16, SSG+14, SGG+17, UMP10, WK17, WCG14, XZJ13, XMA+10, XGD+19, ZIvd17]. data-centric [MHS+12, FOPZ14]. Data-Driven [JJCO19]. Data-Intensive [NWB+18]. Data-Parallel [MLN16, CRP+10]. database [De10, EKUR10, TABS12]. databases [EKB10, MLA11]. Dataflow [BR12]. Database [ZMG+14]. dataset [MDS+17]. David [Kie13]. Days [Sov12].


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


demand-driven [FWDL5]. DemoMatch [YKSL17]. demonstrations [YKSL17].


deprecation [SRB18]. depth [Rau14].

Design [AC16, ETTD12, MLGA11, Puf13].

Detection [BH10, BSOG12, KCD12, MS14, RD15, XMA+14, AMT17, CSK17, LMK16, LS11, ODL15, PG12, RDF15, RGB18, RW17, SR14a, SR14b, SS14, WCG14, XXZ13, XR13].
detector [WFF18]. detectors [LWH+10].

Determinacy [AM14]. deterministic [DNB+12, MvH15]. develop [WA19].

Development [ABK+16, AYZ10, MT13, PBm+19, AGR17, BM18, FRGPLF+12, GT10a, PSW11, SKR17, SH12, WBA+11, ZDS14].
Device [TTD+11, XHH12]. Devices [GPT12, JQJ+16, MV16, ETR+15, Xue12].


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

Distance [ZW13]. distributable [CRAJ10].

domain-specific [CsdL16, EKE+13, HWW+15]. dominance [CPST14]. Doppio [VB14a].

DoubleChecker [BHSB14]. down [Ker15, ZMN14]. DRAM [OTR+18]. drf [MSM+16]. DRFX [MSM+10, SMN+12].

Driven [CC+12, JJC19, YPM12, BM18, FGB+19, CHM13, FWDL15, HZZK19, LKP19, MTL15, PDD17, SR14b].
drug [EKUR10]. DSL [KARO12]. DSLs [KHR11, RO12, SC16]. DSU [PVH14]. Dual [AD16]. Dual-Pivot [AD16]. Dynamic [AGM+17, ABMV12, ASF17, BFS+18, CHMY15, CHMY19, MRF18, MvDL12, PTHH14, RDF15, WGW+18, XMA+14, ZKB+16, AF12, BDB11, BK14, BCD13, BOF17, CV15, CPST15, ELW15, GYB+11, HB13, KRCH14, KRR+14, KT14, LWH+10, LVG10, MKZ+14, Nil12b, NG12, NED+13, RLBV10, RCC+14, RBB17, SR14b, SJS10, SH12, TPG15, VBAM10b, WXR16, WFF18, WBA+11, WAB+11, WWS13, WWH+17, ZBB15].

Dynamically [WGW+18, CZ14, CMS+12, hEYJD12].

Dynamically-Generated [WGW+18].

Dynamo [BDB11].
e-Science [SGV12]. ease [DRN14]. Easy [Jaf13, CRP+10].

Editorial [Fox17a]. Editorials [F17b, HTW14, RHT13]. EdSketch [HZK19]. EDLS [RDP16]. Educator [BA17].
EE [Jen12, MCC17]. Effect [JK11, CCF15]. Effective [BM14, PTML11, RD15, CsdL16, KPP+18, Kie13].
Effectively [UR15]. effects [FH16, HAW13, Lei17]. Efficiency [OTR+18]. Efficient
Effizient [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 [Por18]. 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, ZY +12].
embedding [KMLS15, SC16]. emerging [CDMR19]. Empirical [LSBV16, LSBV17, SS13, WXR16, BJBK12, FH16, HH13, KPP +18, MHR +12, NCS10, SH12, Tai13, VBDPM16, VBDM16].
Employing [CC15]. Emsscripten [Zak18].
emulated [THC +14]. emulator [KS13].
Enabled [GPT12, DR10, ETR +15, RBL12, SGV12].
encapsulation [DMD11]. End [GM12, DAA13]. End-to-End [GM12].
end-user [DAA13]. Energy [OTR +18, CL17, PCL14]. energy-aware [CL17]. enforcement [IF16]. enforcing [JWMC15]. engine [MGI17, Ngo12, OUY +13, Tar11, Ngo12].
Engineering [CCA +12, GT10a, MLM17, MLM19, VF10]. engineers [Bra14]. engines [KRH16, SSG +14]. enhanced [LMK16, WBA +11]. enhancement [WGST19]. Enhancing [BDT10, BVGV1A13, DeSG12, HC10].
Environment [Kö10, PTML11, RK19, EKR +12].
Environments [BF18, EABVG14, GTL +10, HOKO14, KF11, RDP16, RCB17, SGV12]. equality [GRF11]. Equilibrium [YMHB19].
Equivalence [BO12]. equivalent [TLX17]. eviqvocation [TD17]. ERAM [Sch10a].
Erratum [HWM11]. error [eBH11]. ES5 [DFHF15, Mor18]. ES6 [Mor18]. Escape [SLES15, SLE +17]. Espresso [WZL +18].
Essential [Ngo12]. estimation [LMK16].
etched [VSG17]. Ethereum [Dan17]. eval [Mil13, MRMV12]. Evaluating [BGK17, BLH12, MDHS10]. Evaluation [CSZ17, GBC12, JMB12, OCFL14, TTS +10, Wan11, CSK17, MRA +17, MD15, WWH +17, XGD +19].
Evolution [CC15, GMPS12, Mei14, JK11, MAH12, NCS10, WBA +11, WSS13]. evolving [ZZK13].
Examples [BNP11, Del13]. Exception [LT14, ECS15, HWM14, LT11].
Exceptionization [YKM17]. Exceptions [ASF17, AdCGGH16, Hdm17, SMN +12, ZBB17].
Execution [Bul18, MSS19, NNTK17, OwKPM15, SWMV17, BNP +18, Cha18, HZZK19, JLL17, JhED11, LLL13, MMP +12, RCB17, SPPH10].
execution-driven [HZZK19]. Executions [WCG +18, AsdMGM14, PPS16, STR16].
executives [RS12]. Exemplar [ZW13].
exhaustive [DHS15]. exhibitionism [VBMDP16]. existential [AT16].
Exogenous [BMSZ17]. Experience [ABMV12, OW16, Sch10a, FGB +19, CBLFD12, TRE +13, WT10].
Experiment [ML12, MAM12]. 
espress][WZL +18].
Essential [Ngo12]. estimation [LMK16].
etched [VSG17]. Ethereum [Dan17]. eval [Mil13, MRMV12]. Evaluating [BGK17, BLH12, MDHS10]. Evaluation [CSZ17, GBC12, JMB12, OCFL14, TTS +10, Wan11, CSK17, MRA +17, MD15, WWH +17, XGD +19].
Evolution [CC15, GMPS12, Mei14, JK11, MAH12, NCS10, WBA +11, WSS13]. evolving [ZZK13].
Examples [BNP11, Del13]. Exception [LT14, ECS15, HWM14, LT11].
Exceptionization [YKM17]. Exceptions [ASF17, AdCGGH16, Hdm17, SMN +12, ZBB17].
Execution [Bul18, MSS19, NNTK17, OwKPM15, SWMV17, BNP +18, Cha18, HZZK19, JLL17, JhED11, LLL13, MMP +12, RCB17, SPPH10].
execution-driven [HZZK19]. Executions [WCG +18, AsdMGM14, PPS16, STR16].
executives [RS12]. Exemplar [ZW13].
exhaustive [DHS15]. exhibitionism [VBMDP16]. existential [AT16].
Exogenous [BMSZ17]. Experience [ABMV12, OW16, Sch10a, FGB +19, CBLFD12, TRE +13, WT10].
Experiment [ML12, MAM12].

[BKP16, MDS⁺17, HWLM11]. 


Fragments [PBM⁺19, OA17]. frames [SJPS10]. Framework [CCA⁺12, Den18]. FFF17, LM15, PWSG17, PWSG19, RBL12, SEK⁺19, TN19, Ame13, AC16, DDDF17, ER14, FRGPLF⁺12, JEC⁺12, KMLS15, Lon10a, Lon10b, MT13, PGA18, PKO⁺15, RR14, STY⁺14, ZW10, ZDS14]. frameworks [PPMH15]. Francisco [KP15]. free [DTLM14, FC11, GK15, HBB⁺14, NFV15].
Heterogeneous [ASV+16, HHB+14, Rub14, AYZI10, ABCR10, DFR13, MS10, SV18].
Heterogeneous-race-free [HHB+14].

i-Jacob [LYM+18]. IaaS [ZLHD15].

Identification [PB+19, SEB+19, BZD17, FMS+11].

Identifier [SRTR17]. identifiers [FMS+11].

Identifying [IN12, SVB+17]. if [Han15, STA18]. If-transpiler [STA18].

illuminating [BK14]. Image [WN10].

immutability [HMDE12, ZPL+10].

immutable [SV15b]. impact [CMS+12, Gra15, HWLM11, MPRI12, WKJ17].


Inflow [ZMM+16]. influence [MHR+12].

Informa [HA13]. Information [ASF17, HSBS16, KHL+13, RKN+18, SS12, AF12, ABFM12, BVGVEA11b, CMS+12, PMTP12, RRB17, ZYY+19].

Information-flow [HSBS16].

Infrastructure [Den18, NG12, WCST19].

Inheritance [LN15, WT11, AST+16, GBS13, NCS10].

Initial [LTD+12]. initialization [AMT17, MME14]. Initiation [FGR12].

Injecting [ZZK13]. Injection [SBE+19].

inline [DJLP10]. Inlining [BA12, STA18, HWLM13]. 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 [BRGG12].
Intelligent [Pau14]. Intensive [LYM+18, NBW+18, SAdB+16].

Interacting [SK13]. Interaction [WT11].

intercession [CMM17]. inter-language [CMM17].

Interacting [LYM+18, NWB+18, SAdB+16].

Intercessional [LYM+18, NWB+18, SAdB+16].

Interacting [SK13]. Interaction [WT11].

intensive [AMW+15, JH+11, MCY+10].

interference [YDFF15].

International [Hol12, KP15, Fox17a].

Internetware [LYM+18]. Internetware-Oriented [LYM+18].

Interoperability [GSS+18, GSS+16]. Interpretation [BD10, DLR16, DLR14, NSDD17].

Interpretation-Based [DRL16]. interpreter [D’H12, KMMV14].

interpreters [HWW+15, IvdS16, MD15, ZLBF14].


Introducing [CJ19, Dan17, DMS11].

Introduction [CIAD13, CSZ17, HTLC10, HTW14, Lew13, RHT13, VK12, Hav11, VF10].

Introductory [BNP11]. intrusively [MZZ10a]. Invasive [ADJ19].

Investigation [SS13, FH16, Tai13]. invited [Piz17, Sie17]. invocation [SPA10, SS19, BVEA11a].

invocations [BVG+14a]. invokedynamic [OCFL14]. Involvement [ZMM+16]. IP [TKL+15]. iPhone [Sta10]. IR [LSWM16].


Isolation [ZLB+13]. Issue [CJ19, DVL13, HLI3, HTW14, Puf13, VK12, Fox17a, HTLC10, HGCA11, RHT13].

iterations [DD13]. iterators [ZLBF14].

IVE [CRJ+10]. IVPs [KS15].


JaSTA-2 [HD17]. Java [Bro12, Den18, Fox17a, Gve13, HWM11, HTW14, MvH15, Ngo12, Sch13, VK12, Ao11, KvAS+14, PQTGS17, SAdB+16, ABC18, ASdMGM14, AST12, AFG11, AYZI10, AdCGGH16, AT16, And14, Ano12, Ano13, ABMV12, AG12, AG17, ABCR10, AD13, ABFM12, AK13, BK12, BH17, BMIR14, BH12, BDT10, BVEA10, BVEAGA10, BVEA11a, BVEA11b, BVEA13, BVEA14a, BVEA14b, BS12, BMDK15, BO11, BO12, BO13, BCR11, BGS13, BCD13, BDL17, BRG12, Blvd17, Bla18, BR12, BH10, BR15, BB12, BNP11, BL15, BW12, BA12, BD17, BSOG12, BMOG12, BK16, BA17, BJBK12, CIAD13, FGB+19, CSZ17, CZ14, CMM17, CVW13, CV14, CS12, CDTM10, CCFB15, CC15, CRJ+10, CWGA17, CSF+16, CSK17, CCH11, C17, CJ19, CDG+17, Cle16].

Java [CDMR19, CS18, CS16, CCA+12, CMM+10, CRJ10, DDL10, DDDF17, DLM10, DLZ+13, DVL13, DR10, DHS15, DJB16, DMS11, ECS15, EK+13, ES14, EQT10, Esq11, EABV14, Eu13, EV13, ET12, ETR+15, FLZ+18, FRPL+12, FGR12, Fer13, FFF17, FLL+13, FHSR12, Fox17b, FMS+11, GMPS12, GrV+12, GYB+11, GMI2, GBS14, GD12, GBC12, GSI1, GSI2, Gon11, GMC+13, GT10b, GJS+13, GJS+14, Gri17, GPT12, GK15, H13, HD17, HdM17, Has12, HWM10, HWM13, HWM14, HA13, HM12, HTLC10, HKVG14, HH13, HOKO14, HGCA11, Hor11, Hor12, HC13, HC10, HZKK19, HWL11, HJ12, IHWN12, IN12, IS18, IF16, JCI10, JEC+12, JQJ+16, JJL17, Jen12, JB12, JYKS12, JTO12, JH+12, JMB12, JMO14, KHR11, KHM+11, KMLS15, KS13,
KW10, KW11, KPP +18, KM10]. **Java**
[KSR14, KSPK12, KDEPG18, 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, MHM10, MAH12, MB12, MCD +10, MG19, MPR12, MLM17, MLM19, MKK +12, MKK +13, MSS10, MGH19, MvH15, MT14, MDHS10, NM10, NCS10, NS12, Nil12a, Nil12b, NG13, NNTK17, NBB18, Oak14, OOK +10, OMK +10, OIA +13, OUY +13, OW16, OJI2, OCFL14, PS11, PLL +18, PdMG12, PTML11, PTML14, PTHH14, PL12, PiCH11, PHBM13, PBB19, PPMH15, PMP +16, PQD12, PVH14, PTF +15, PS10a, PS10b, PDPM +16, Pos19, PSW11, PuF13, PKC +13, QLB17, RD15]. **Java**
[RDCP12, RTE +13, RTET15, RR14, RS12, RHT13, R +13, RBL12, RAS16, RSI12, Rey13, Rez12, RVP11, RLM15, RRB19, RBB15, RvB14, SSL18, SSB +14a, SE12, SRB18, SRTR17, STST12, SS12, Sch14, Sch13, Sch10a, SPPH10, SKR11, SDH +17, Scho10, SMG12, SSG12, SZ10, Set13, SMSB11, SMS +12, SM12, SDM12, SWM17, SW12, SVG12, SKBL11, SD16a, SIJS10, SLS +12, SKR17, SS14, SABB19, SP10b, SMP10, SBE +19, SPP +10, SWB +15, SSO1, SBB14b, ST15, SPS17, SS +14, SS9, STS +13, Sve14, SW12, TRTD11, TTD +11, TTD12, TRE +13, TLL1, TWX +10, TFPB14, TN19, TWHN12, TNR12, TZG17, TJJL18, TRL +15, UIR15, UF15, UPR +18, VSG17, VGRS16, VBDM16, VBMP16, VGS14, VBAM10a, VBAM10b, VBMA11, WGF11, Wam11, WZDSOS17, WGST19, WLL19, WB +10, WK12, WCB16, WN10, WRI +10, WA19, WHV +13]. **Java**
[WHIN11, WZ +18, WBA +11, WABB +11, WWS13, XHH12, XR13, XMD +17, Xue12, YP10, YKM17, YKA +19, YDF15, ZIVS17, Zak12, ZP14, ZLCW14, ZHL +12, ZXL16, ZKB +16, ZYY +19, WSS15, ZPL +10, ZDS14, dCMNN12, dMHR12, eBH11, hED12, vdMvdMV12, De13]. **Java-Based**
[AFGG11, SLS +12, ST15, SWT12, CJ17, CJ19, HOKO14, JMO14, KS13, KS14, MB12, MCD +10]. **Java-compatible**
[ABCR10]. **Java-like**
[BDGS13, BCD13, DJLP10]. **Java-to-HDL**
[OUY +13]. **Java-to-JavaScript**
[LSWM16]. **JavaScript**
[SFR +14, TAF +18, TT11, VM15, VP16, VB14b, Wal12, WST19, WXR16, WY13, Zak18, Zak10, dJ18, BM18, KCD12, Me14, Ano18, Kie13, Teo12, Teo13]. **JaVerT**
[SMN +18]. **JAWS**
[PKO +15]. **JBInsTrace**

Message
[KF11, ETTD12, TRTD11, TTD12, UR15].
message-passing
[ETTD12, TRTD11, TTD12, UR15].
messages [eBH11]. meta [MD15, SZ10].
meta-circular [SZ10]. meta-compilation [MD15].
meta-data [DVL13, WCST19].
MetaFJig [SZ10].
metaheuristics [DDDF17].
metaprogramming [PS11].
Method [AC16, BVGVEAFG11, GD12,
AST12, AJL16, HMDE12, SS19, SS16,
VMDP16, ZYY + 19]. Method-Level
[AC16]. Methods [MM16, Pau14, VBZ + 18,
Bra14, GRF11, LSBV16, LSBV17, SSL18].
Metrics [KB11, JK11, SSK13, Sch13].
Metriken [Sch13]. Microscopic [RXK + 17].
Microservices [KH18, LSCPE18].
Microsoft [Ano13]. Middleware
[RTE + 13, AdScDr + 19, HOKO14, HWLM11,
MZC10b]. middleweight [IF16, MT14].
midstream [SSG + 14]. Migrating
[AST + 16, CDTM10, FGB + 19]. Migration
[OwKPM15, Fee16]. migrations [TFPB14].
Miniboxing [UTO13]. minimal [CNS13].
mind [DRN14]. Mint [WRI + 10]. minute
[DHS15]. minutes [BTR + 13].
misconfigurations [MCC17]. Mismatch
[YCYC12]. misses [IN12]. Missions
[WCB16]. Mistakes [BA17]. Mitigating
[BGS + 13, KC12]. mixed [CL17]. Mobile
[GM12, GPT12, LYM + 18, MV16, HXH12,
GCC18, KF11, MZC10b]. Mock [SABB19].
Model
[Bul18, CSF + 16, CDG + 17, CCA + 12, DLR16,
FSK12, JJC09, JYSK12, Loc18, SM + 16,
MCC17, MV16, BVGVEA11a, FGB + 19,
CHM13, CWW13, CV14, CS12, CSK12,
DLZ + 13, FLZ + 18, GY16, HAW13, Loc13,
LSD14, MLT17, MSM + 10, PSW11, RR14,
RBV16, RAS16, RDF15, SM + 12, SSG + 14,
SS19, Tai13, VWJB10, ZP14, ZXL16].
Model-Aware [JYSK12]. Model-based
[MCC17, PSW11]. model-driven
[FGB + 19, CHM13]. Modeling
MySQL [Ano15].

Names [SRTR17]. Naming [STST12].
Native [JQJ+16, LT11, LT14, KFBK+15, STS+13]. Natural [LL15]. naturalness [HKB+16].
NDetermine [BENS12]. nested [CHM16, ZLB+13]. Netflix [Li14].
Network [CC15, GGC18, RR14]. Networking [Hol12]. Networks [AFGG11, ETR+15, ZYY+19].
neural [ZYY+19]. neuromorphic [HNTL12].
Neutral [WBHN18]. Next [YWW+18, CRJ+10, CMN+10].
Node [HC11, BBJ12]. Node.js [BSMB16, MTL15, Ano14]. nodes [DRN14].
Nominal [BO13]. Non [BVGVEA11b]. BSG12, GGZ+15. TD17, WZL+18. YKM17, MZC10a, OMK+10. SSL18, ZP14.
Non-Adequate [GGZ+15]. non-cache-coherent [ZP14]. non-cloned [SSL18]. Non-equivocation [TD17].
Non-Volatility [WZL+18]. Nonblocking [RTET15, SP10a]. Nondeterministic [RB15, BENS12]. noninterference [IF16].
Nopol [XMD+17]. Normalization [ADJ19]. NoSQL [DFR13]. Notation [Sev12a]. Novel [NK10, MZC10b].
November [Hol12]. Novice [BA17].

Obfuscated [KCD12]. obfuscation [CCFB15]. obfuscations [CSK17]. Object [CGTG17, GS11, KB11, LZ12, NWB+15].
PTTH14, PiLCH11, RC17, Sev12a, SW12, AST+16, BZD17, DDDF17, FMBH15,
Ivd16, KRR19, MME14, MBO13, RDF15, UJR14, VM10, VM10, ZedSOvd15, Zha12,
ZDS14, hEYJD12]. Object-Bounded [NW+15]. object-constraint [FMBH15].
object-manipulating [KRR19].
Object-Oriented [GS11, KB11, RC17, PTHH14, AST+16, DDDF17, MBO13, VM10. ZDS14, hEYJD12]. Objective [Sta10].
Objective-C [Sta10]. Objects [BS12, RKN+18, ML15, SK13, SABB19, WXR16, BVEGVA10].
On-the-fly [URJ18, UJR14]. one [SV18].
ones [AST+16]. Online [NG13, GGC18, HCV17, NK10]. only [NM10]. Ontology [KSPK12]. OoOJava [JHE11].
Open [BS14, GD12, ABC18, CJ17, CJ19, EKUR10, JK11, Tai13, VGRS16].
Open-Source [BSA14, ABC18, Tai13].
OpenJDK [BFS+18, CHM16, dGRdB+15].


Reference
[Sch14, Sun18, UJR14, HMDE12].
refinement [GY16, JLP+14, KSW+14, MCW19, ZMG+14, ZFK+16]. Reflexes [SPP+10]. region [Ott18]. region-based [Ott18]. regions [AC10]. register
[ZYZ+12]. register-based [ZYZ+12].
Regression [MM12]. regular [PIR17]. reification [RRB17]. Reified [GBS14]
Reim [HMDE12]. ReImInfer [HMDE12]. relation [TD15]. relational [MLGA11]. relationship [LSBV16, LSBV17, SH12].
relaxed [DNB+12, KHL+17, PPS16]. relaxed-memory [KHL+17]. Release
[BVGV14a, BVGV14a, BVGV14a, BVGV14a, SS19, BVGV1A7]. removal
[MRMV12, WGF11]. removing [PLR14].
rename [FM13]. Repair [SEK+19]. XMD+17, ZLPN18, MDS+17, SHU16].
repeatability [Vit14]. Replacement
[WBHN18, BCD13]. Replay
[BH12].
Replaying [WK17]. replication [CJ17, UIY10]. replication-based [UIY10]. report
[CBLFD12, Sch10a]. Reports [OW16]. repository
[HC10]. representation [AZY18]. reproducibility [Vit14]. reproduction [SR14b].
Requirements
[MSS19, AGGZ10]. ResAna
[KvGS+14]. Research
[SR17, TRE+13, CRJ+10, CBLFD12, EKUR10, Rub14, VBMDP16, Vit14].
RESOLVE
[Sun18]. Resource
[BVGV14a, WZK+19, YPMM12, ADI13, ES14, KvGS+14, KSR14, SGV12].
resource-aware [SGV12]. resource-based [ADI13]. responsive [SPP+10].
responsiveness [PSSN14]. restart [CNS13].
Restructuring [RC17]. Retention
[ZMM+16]. Rethinking
[LHR19, Xue12, RCR+14]. retrofitted
[TTT+10]. retrofitting [LPKG14].
Reusability [Tai13]. reusable
[HC10, MME14]. reuse [WR10]. Reusing
[PKPM19]. Reverse
[CC+12, MLM17, MLM19]. Review
[Ano15, Ano18, Bro12, Del13, Gve13, Kic13, Ngo12, Teo12, Teo13, EKUR10].
Revisited
[Mei14, Gon11]. rewriting [HLO15]. RFID
[AYZ10]. RFLP [YC12]. richer [CV14].
rigor [Vit14]. Rigorous [AGR17]. rings
[Pos19, Pos19]. Rise
[DiP18a]. risk
[MPM+15]. River [HHSS13]. RJ
[OW16].
RMI
[SS19]. Road
[RS17]. SWU+15].
Robin
[Ano15]. Robotic
[DiP18b, LM15].
Robots
[SWF12]. Robust
[VM15, VDH17, MKZ+14, SVG12, VM10].
Rod
[Teo12]. ROM
[MLM19]. row
[Lei17]. row-typed
[Lei17]. RTSJ
[ZW10]. Rubah
[PVH14]. Ruby
[Teo12]. Rule
[YPMM12, QLB17]. Rules
[CC+12, HLO15, PTV18]. run
[WAB+11]. run-time
[WAB+11]. Running
[HC11, TWX+10, YK14]. runs
[FIF+15].
Runtime
[BLH12, CMM+10, GSS+18, MAHK16, MSS10, NB1+15, OCF14, XMA+14, BRGG12, EQT10, GTL+10, GSS+16, LMK16, MS10, OOK+10, PKC+13, RO12, STY+14, TWSC10, VBAM10a, WLL19, YRHL13, dCMMN12]. runtimes
[BM14, CSV15, RCR+14, WWH+17].
S
[Gve13]. Safe
[Eug13, GvBN+11, JTO12, Loc18, MPS12, RST+15, SWB+15, WAB+11, HJS+10, HAW13, KHR11, KMLS15, KCP+17, Loc13, RDP16, WSS13]. Safety
[MCW19, RS12, SDH+17, WCB16, ZLCW14, AGR17, EKUR10, GMC+13, Nil12b, PG12, SD16b, Taf13, YS10, CWW13, HL13, LW17, WK12]. Safety-Critical
[MCW19, WCB16, ZLCW14, RS12, SDH+17, AGR17, CWW13, LW17].
Salespoint
[ZDS14]. Salt
[Hol12]. SAM
[BO13]. San
[KP15]. Sane
[MP12]. sanitizer
[VS11]. Sapphire
[URJ18]. SAT
[UPR+18]. Satin
[WJ10]. SAW
[CFH+13]. Scaffolding
[RT14]. Scala
[SMS+12, AT16, Hin13, Lew13, PTML11, Pos19, SMB11, SMS+12]. Scala-Based
[PTML+11]. Scala.js [DS16]. Scalability
[CCH11, VP16, WZK+19, AAB+10, DSEE13, BFS+18, GTSS11]. Scalable
[BBB+17, BS12, DFR13, GGRSY17, HC11, JQJ+16, RXK+17, RTE+13, XMA+14, ETTD12, FC11, GGRSY15, NFV15, PIR17, PLR18, RTET15, TTD12]. ScalaLab
[PTML11, PMTL14]. scalar [PQTGS17]. Scale
[BA17, PE11, CJ19, DHS15, LO15, MDS+17, MCY+10, PTF+15, WHIN11]. SCEL [DLPT14]. scenarios
[AMWW15, Sch13]. Scheduler
[QSaS+16, IF16, TWL12]. scheduler-independent [IF16]. Scheduling
[ASV+16, BVEAGVA10, KPVH11, EP14, EABVGV14, ZW10]. scheme [XHH12, YKA+19]. SCHISM
[PZ+10]. Science
[HWM11, VF10, SVG12]. sciences [NL14]. Scientific
[Esq11, PTML11, TAF+18, WN10, FRGdP+12, PML14]. scientists
[Bra14]. SCJ [MCW19]. SCJ-Circus
[MCW19]. SCORM [HC10]. Scrap
[ZCdSvdS15]. Script [MSSK16]. Scripting
[BGG11, TTTT15, SFC11, TTT12]. SE [LYBB14]. Seamless
[OWKPM15]. Search
[NBB18, SED14, WCG+18, DDF17]. searching
[ETR12]. Second [HD17]. secrets
[Alt12]. section [DTLM14]. sections
[NM10]. Secure [GMPS12, GM12, ABFM12, LMS+12, TLM13, WA19]. securely
[SFR+14]. securing [CDMR19]. Security
[CDG+17, Gon11, HBS16, JWM15, MCC17, PSI0a, STA18]. Similarly
[Has12]. selection [WHIN11]. Self
[MPS12, hED12, AHK+11, AGH+17, CBLFD12, HWW+15, MD15]. self-collecting
[CBLFD12]. self-optimizing
[HW+15, MD15]. Self-stabilizing
[hED12]. Semantic
[GGRSY17, RvB14, BNS12, GGRSY14, GGRSY15, MKK+12, MKK+13, OA17]. Semantics
[BO12, BR15, Kri12, LKP19, LML17, SPY+16, AK13, FBH17, FZ17, KHL+17, Mil13, MT14, PIR15, PPS16, ZHCB15]. Semantics-based [SPY+16]. Semantics-driven [LKP19]. semantics-preserving [AK13]. Semi
[SEK+19]. semi-structured [ABC18]. Sensitive
[SGD15, HWM13, KRR19, LMK16, STA18]. sensitivity
[HB13, PLR18]. Sensor
[AFFG11]. separability [WR1+10]. Separating
[DDM11, AC10]. Separation
[ZLP18, Pha18, TWSC10]. Sequence
[NBB18, ZW+14]. Sequencing
[YWW+18]. Sequential
[FFF17]. sequential
[BENS12, DMS11]. serialization
[MHB13]. Seriously [Kie10]. Server
[HC11, KRH16, D’H12, Del11, HWLM11, R+13]. Server-Side
[HC11, KRH16, D’H12]. Service
[BVEAGVA10, SDM12, CSKB12, EABVGV14, GD10, HWLM11, KF11]. service-oriented
[EABVGV14]. services
[MZC10]. session [KDPG18, FGR12]. Set
[SBK13, Lon10a, Lon10b]. Set-based
[SBK13, Lon10a, Lon10b]. sets
[SP10]. setters
[Mi13]. setting
[BDS13]. Settings
[MG12]. Seven [ST15]. SGX
[CDMR19]. Shadow [NNTK17]. ShadowVM [MKZ+14]. shalt
[LCW18]. shape
[GMT14]. Shared
[BG17, BSMB16]. Shared-Memory
[BG17, BSMB16]. sharing
[PKO+15]. Sherlock [ADJG19]. Short
[AHK+11, Cha18, SV15a, ZH12]. Short-term
[AHK+11]. shortcut
[MLM19, CSGT17]. Side
[Bul18, HC11, OBPM17, D’H12, KRH16]. Side-Channel
[Bul18]. SIGCSE [Wal12].
Signatures [DR10]. significance [FMS+11].
Simple [BO11, BO12, KCP+17, BVGV14b, MSM+10]. Simplicity [Del11]. Simplifying
[Mor18, Ano18]. Simulating [LM15].
Simulation [HWLM11, FLZ+18, KKW11, Rim12, 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]. sketching [HZZK19]. skills
[JACS10]. Skip [WBHN18]. Skyway
[NFN+18]. Slicing [XMA+14]. Slimming
[WGF11]. SLOC [LSBV16, LSBV17].
Smaller [GS12]. smalltalk
[FIF+15, HKV14]. smart
[BL15, GMP12]. Smartcard [RBL12].
SMARTS [RXK+17]. snapshots [AST12].
Snippets [SWU+15]. SNP [YCYC12]. SoC
[TKL+15]. social [GGC18]. Socket [WA19].
Soft [WZK+19, JACS10]. Software
[BSA14, CC15, KH18, PBM+19, ICH17, Wani11, YQTR15, YMHB19, BMSZ17, BTR+13, CBGM12, CFH+13, CJ17, CJ19, CDMR19, DVL13, EKUR10, FRGPLF+12, FC11, GT10a, HBG+16, JhED11, JK11, LPA13, MHR+12, NGB16, OIA+13, PLL+18, PBB19, RAS16, SV17, XRI13, YRHLB13, ZZK13, ZHCB15, ZDS14, CKS18]. Solidity
[Dan17]. Solution [KS15, EKUR10, J+12].
Solving [SED14, FMBH15, UP+18].
Sorting [BPK16]. Sound [BO13, BGK17, LE16, BHSB14, ELW15, PPMH15, RGB18]. soundly
[BS13]. Source
[ADJG19, BSA14, GD12, MM16, RLMM15, SRT17, SED14, ABC18, AK13, CJ17, CJ19, DRN14, EKUR10, FMS+11, JK11, MKK+12, MKK+13, OJ12, PMP+16, SSK13, Tui13, ZWS15]. source-code
[MKK+12, MKK+13]. source-to-source
[AK13]. sources [IN12]. Spark [LXP18].
sparse [TGZ17]. sparse-matrix [TGZ17].
spatial [MLGA11]. Speaking
[Rau14, Sam12]. Special
[DVLL3, Fox17a, HL13, HGCA11, Puf13, HTL10, RHT13, HTW14, VK12].
specialization [KRR+14, SV15a]. specific
[CSdL16, EEE+13, HWW+15, Kie13].
Specification [GJS+13, GJS+14, IF16, KW11, LN15, LYBB13a, LYBB13b, LYBB14, MCW19, TWHN12, BVGV1A11a, BCF+14, KR12, KW10, MRA+17, YP10, dCMNN12].
specifications
[BSAL18, BENS12, PS10a, TVD10, UP+18].
specified [BCR11]. Specifying
[BNS12, HL13]. Speculation
[AC16, MGI14, MGI17]. speculative
[BB17, YRHBL13]. speed
[HRS+17, SBF+10, UTO13]. SPF's
[PS18]. Spi [PS10a]. SPIN [ASdGM14]. SPL
[BTR+13]. splittable [SLF14]. SPOON
[PMP+16]. spot [LMK16]. SPUR
[BBF+10]. SQL [FGB+19, KMLS15].
SqueakJS [FIF+15]. SSNTDs [VSG17].
Stability [BSA14, LL15]. stabilizing
[LED12]. Stack
[WBHN18, KRC14, Xue12]. stack-based
[KRC14]. stage [WR+10]. staged
[SC16]. staging [RO12]. Stakeholders
[YMHB19]. Standard
[WKG17, LMS+12].
Standardization [TWNH12]. StarL
[LM15]. State [AGR12, BLH12, MvDL12, MS14, GN16, YP10]. state-
[YP10]. statecharts [MS13]. Statement
[XMD+17, PLR14, ZWS15]. statements
[PLR14]. Static
[BGG17, BNE16, JC10, MTL15, ODL15, PIACL11, PLR18, RD15, SW12, SBE+19, 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, TWL12]. STM [CHM16, Sub11].
STM/HTM [CHM16]. StMungo
stochastic [CRAT+12], stock [PVH14]. Stop [LWB+15], stops [BNP+18].
Storage [Hol12, VDV17]. Store [BS12, Sta10]. stores [DFR13]. Story [Ano14]. strategic [BRM+16]. Stream [CWGA17, KBPS17, MV16, BRWA14, SSG+14, ZDK+19]. streaming [MRA+17, STCG13].
StreamJIT [BRWA14]. StreamQRE [MRA+17]. streams [SGG+17, UFM15].
Strength [KCD12]. String [HOKO14, CSK17]. Strings [HWM11, HWM10, LSSD14]. strong [UMP10, ZHCB15, ZBB17]. Structure [ZLN18, LO15, PLL+18, UMP10].
structured [ABC18, LSW16]. Structures [GT10b, CDM10, XMA+10]. studies [EKUR10]. Studio [RT14, FH16].
Studio-Based [RT14]. Study [BF18, KB11, OBPM17, RVT18, RLMM15, WZK+19, ZMM+16, BRGG12, CCFB15, CJ17, ECS15, JK11, KFBK+15, MHR+12, NCS10, OMK+10, PTF+15, SSL18, SH12, TFBB14, VBDPM16, WXR16, YW13]. studying [CJ19]. style [UMF15].
Suites [GGZ+17]. Summaries [BH17].
Summarization [MM16, RLMM15].
SurveyMan [TB14]. surveys [TB14]. suspension [TWL12]. SV [CKS18].
SV-COMP [CKS18]. sweeping [KBL14]. Sweeten [DFFH15]. Swift [XYZ+12].
SWIM [Sch10a]. symbol [Tar11]. Symbolic [Bul18, NNTK17, PMP12, SVM17, MMP+12, Rim12].
synchrobench [Gra15]. Synchronisation [CHMY19, CHMY15, WBM+10].
synchronization [DHM+12, Gra15, Sub11]. Synchronized [BG17].
Synchronized-by-Default [BG17].
Synchronous [BVEAGVA10, SK12, MvH15]. syntactic [LE16, Mkk+12, Mkk+13, QLBS17]. Syntax [SS13, KMMV14, SSK13].
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