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]. \(C_p\) [AÖ11]. \(K\) [PLL+18, SS19, SD16b, SGG+17]. \(N\) [ADJG19, WZK+19]. \(Z_p\) [AÖ11].


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

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


5 [Dan18, KHR11].

6 [Jen12].

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

8 [BKP16, CWGA17, LYBB14, SAdB+16, UFM15].
awareness [VGS14], axiomatic [TVD10].

B [DLZ14], back [Car11], Background [PWSG17, PWSG19]. Backstage [PS11], Bad [dGRdB15], baggage [KFB12]. balances [FMHB15], balancing [PDPM16], Ball [DD13], Bar [WCG18], Barrier [CHMY19, CHMY15, VGRS16], bars [SDL16], barrier [PS11], Barriers [HJH10, WBM10], Based [AFGG11, DLR16, GM12, GGZ15, GGC18, LTD12, MVDL12, MM12, PTML11, PiLCH11, PE11, RBL12, RT14, SGD15, SLS12, ST15, SWF12, YPMMI10, AZL18, AST16, ADH13, BFP10, BBP13, BB17, BL15, CDTM10, CNRG19, CSDK12, CJ17, CJ19, CPS14, CPST15, EKUR10, GT10a, GMC13, GGC19, HWM14, HW112, HOKO14, HWLM11, HW112, IRJ12, JEC12, JMO14, KATS12, KS13, KRCH14, KvRHA14, KS14, Lon10a, Lon10b, MCC17, MB12, MCV10, Ot18, PDPM16, PWS11, SZ11, SBK13, SMP10, SPY16, SV17, SNS14, UIY10, UPR18, VSG17, XHH12, YP10, YKA19, ZYT12, ZYY19].

Basic [NBB18, CZ14], basic-block [dGRdB15, AZM18]. basics [KZ12], basierte [Ric14], Battery [ST15], battlefield [WT10], Bayesian [BSA14, RKH18], Baz [McN19].

BeagleBone [Ric14] before [TD15].

Beginning [McN19], begone [MMR12].

Behavior [Sun18, LB15, LB15, TABS12, WXR16]. Behavioral [LN15, AMWW15], behaviors [PCL14], behaviour [SMS12], Beliefs [BA17], Ben [Teo12]. Benchmark [GBC12, SMSB11].

Benchmarking [CKS18, AHK15, HCLH18, MDM17]. benchmarks [KHM11, RGEV11], benefit [HH13], best [Sch13], Better [Bro12, TD15]. Between [ADJK19, PVBL17, ZLHD15, BKP16, CMM17, CSK12, CSF16, LSV16, LSV17, RP16, SH12], beyond [Mor18], Big [BF18, GTS15, NBW15, NFN18, RVK15, BOF17, BBX13, RVK19, SSG14, WR10, XGD19].

billions [DRN14], Binary [WWG18, XXCL19], bindings [VGRS16], bird [Guy14].

Birthmark [PILCH11], Bitcoin [TD17], BIXSAN [VS11], Blame [KT15], B Leak [VB18], Bloat [MSSO, NWB18, XMA14, BRG12, BBX13, XR10], boat-aware [BBX13], block [CZ14, KBL14], block-level [KBL14], blocking [DW10].

Blockly [AMWW15], Blueshell [PWA13]. Board [GLGA19], boilerplate [ZCdSOvdS15]. Book [Ano15, Ano18, Bro12, Del13, Gve13, Kie13, KIC13, Nog12, Teo12, Teo13]. Bookshelf [Ano18].

Boosting [ASV16, AC16], Bootstrapping [CBLF12], Bottle [DSEE13], bottlenecks [DSEE13], bottom [ZMNY14], bottom-up [ZMNY14], boundary [RDP16], Bounded [NWBO15, GMB14]. Bounds [SW12, GrR11], boxes [BDGS13], Brain [VBJ18], breaking [VB14a], Breakpoint [ZW13], breakpoints [PS12], Brewing [WZL18], Bridging [PVBL17], Bringing [CV14, HRS17, STS13], Broken [dGRdB15, AZM18], Browser [MSSK16, PVBL17, FIF15, VS11, VB14a, WGW11, YK14]. Browsers [HLK13].

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buffered [DLZ13], buffers [Gun14], Bug [RPP19, LW110], Bugs [OBPM17, XMD17, ECS15, MDS17, ODL15, Ryu16].

Build [BMDK15, BNE16, ELW15, MAH12, WSH19],

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Business [CCA12], Bytecode [BDT10, BSOG12, FHSR12, NS12, RDC12, Rey13, SEK19, AdCGGH16, CZ14, CNRG19, DLM10, SP10b, SMP10, VB14b].

C [BB12, CDG17, GBC12, KB11, LSV16, LSV17, NED13, SRR17, Sta10, YSCX17, Zak18, ZWSS15]. C# [SSK13].
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, LTM18, LX19, SSB+14a, ZYY+19].
Context-sensitive [HWM13]. Continuous
[MSSK16]. Contextual
[Teo12]. Continuously
[DTLM14]. Contracts
[YQTR15, HBT12, KT15, KKW11].
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[BKC+13, YDFF15]. Convention
[Holl12]. conversions
[CMM17]. Converter
[YWW+18]. Cooperative
[YDFF15, MdM17]. Coordinating
[MAHK16]. coordination [BMSZ17]. copy
[FBH17]. copyrightable [Sam12]. Core
[Hor11, HC13, RDGP12, RTE+13, MS10, PLL+18, TRTD11, Gve13]. cores
[GTSS11, SKBL11]. Cornell
[Gve13]. corpus
[HCN14, LSBV16, LSBB17, TMVB13]. correct
[AdCGGH16, ALJ16, DLJP10, PS10a].
Correctness [LL15, BENS12, Cho14].
Correlation [SBD+12, XHH12].
Corrigendum [LSBB17]. Cost [MSS19].
costs [OD18]. counter [LSSD14]. counters
[IN12]. Counting
[Bul18]. Course
[WLL11, Zak12]. Coverage
[CSS+16, GGGZ+15, MSS19, RGB18].
Coverage-Based
[GGGZ+15]. Coverage-directed
[CSS+16]. CPS
[PDD17]. CPU [PKO+15]. Crawling
[BMSV18, MVDL12]. Creating
[YMH19, HC10, VBAM10b]. Creation
[SK12]. Crisis
[AT16]. Critical
[HL13, MCW19, WK12, WCB16, ZLCW14, AGR17, DTL14, GMC+13, NM10a, \Ni12b, RS12, SDH+17, CWW13, LWC17]. Cross
[GSS+18, MDM17, OTR+18, WBH18, XXCL19, AMWW15, BKC+13, GSS+16, KMSZ16]. Cross-Architecture
[XXCL19]. cross-cutting
[AMWW15]. Cross-Language
[GSS+18, MDM17, GSS+16]. Cross-Layer
[OTR+18]. Cross-OS
[XXCL19]. Cross-Platform
[WBB18]. cross-program
[KMSZ16]. cross-thread
[BKC+13]. Crowdsourcing
[BH17]. CrowdSummarizer
[BH17]. crypto
[PTRV18]. Cryptography
[GPT12]. CSM
[dARPH+19]. CSS
[An15, HLO15, Sta10]. Curve
[GPT12]. customizations
[LVG10]. customized
[HB13]. cutting
[AMWW15]. Cyclic
[BMOG12, RS12].

D
[DiP18b, FLZ+18, GBC12, JEC+12, ZXL16]. DAA
[DR10]. dark
[MHN19]. Data
[Bra14, BMOG12, BA17, BF18, GM12, GTS+15, GT10b, JCO19, NKH16, NWB+15, NFN+18, NWB+18, TAF+18, YWW+18, ZLN18, dMRH12, BK14, BB17, BOF17, BBXC13, BJBK12, CDM10, CRP+10, DFR13, DHM+12, EKUR10, FOPZ14, KB17, LDL14, MRA+17, NL14, SAD+16, SSG+14, SGG+17, UPM10, WK17, WCG14, XXZ13, XMA+10, XG+19, ZIvdS17]. data-centric
 [DHM+12, FOPZ14]. Data-Driven
[JCO19]. Data-Intensive
[NWB+18]. Data-Parallel
[NKH16, CRP+10]. database
[Dei10, EKUR10, TAB12]. databases
[EKUR10, MLGA11]. Dataflow
[BR12]. Datalog
[ZMG+14]. dataset
[MDS+17]. David
[Kie13]. Days
[Sev12b]. DBT
[KS13]. debt
[SK13]. Deadlock
[CHMY19, CHMY15, SR14a, SR14b]. Dean
[Bro12]. Debt
[YXS+19]. debugging
[AsdMG14, BM14, KS14, TB14, VB18, ZFK+16]. December
[LSBB17]. Deciding
[SGD15]. decision [RBV16]. Declarative [DRN14, RSI12, FOPZ14, WCST19, 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 [SB14b, AK13, SSB01].
Definitive [Oak14]. deconstructing [ACS†+14]. decoupled [LPA13]. deduplication [HOKO14].

Develop [FGB†+19, R†+13].
Development [ABK†+16, AYZI10, MT13, PBM†+19, AGR17, BM18, FRGPL†+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].
Disjunctive [JCO19]. Dissimilar [Has12]. Distance [ZW13]. distributable [CRAJ10]. Distributed [BVAGVA10, CGWA17, LTD†+12, LM15, MAHK16, MRF18, NFN†+18, PE11, YMBH19, AdScdR†+19, BvGVEA10, BvGVEA11b, BvGVE14b, CDBD18, CRAJ10, EABVGV14, STCG13, SS19].

distributing [TGZ17]. divide [SBF†+10].

Do [HH13, LMZP19, Han15]. Does [BRGG12, Rub14]. DOJ [hEYJD12]. DOM [GGC18]. DOM-Based [GGC18]. Domain [KSPK12, CSdL16, EEK†+13, HWW†+15, PIR17]. domain-specific [CSdL16, EEP†+13, HWW†+15]. dominance [CPST14]. Doppio [VB14a].

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

Driven [CCA†+12, JJC019, YPM12, BM18, FGB†+19, CHM13, FWDL15, HZK19, LKP19, MTL15, PDD†+17, SR14b, SNMc19].
drug [EKUR10]. DSL [KARO12]. DSLs [KHH11, RO12, SC16]. DSSAT [dARPH†+19]. DSSAT-CSM [dARPH†+19].
DSU [PVH14]. Dual [AD16]. Dual-Pivot [AD16]. Dynamic
[AGM+17, ABMV12, ASF17, BFS+18, CHMY15, CHMY19, LMZP19, MRF18, MvdDL12, PTHH14, RDF15, SMP19, WWG+18, XMA+14, ZKB+16, AF12, BDB11, BK14, BCD13, BOF17, CSV15, CDBD18, CPST15, DTM+18, ELW15, GYB+11, HB13, KRC14, KRR+14, KT14, LWH+10, LVG10, MKZ+14, Nil12b, NG12, NED+13, RLBV10, RCR+14, RRB17, SR14b, SPKT18, SV15a, TRTD11, UMP10, VWJB10, XXZ13, ZDK+19].
dynamic-memory [GYB+11].
Dynamically [WWG+18, CZ14, CMS+12, hEYJD12].
Dynamically-Generated [WWG+18].
Dynamo [BDB11].
e-Science [SGV12]. ease [DRN14]. Easy [Jaf13, CRP+10]. economic [CSV15].
Einsatzszenarien [Sch13]. Einsteiger [Ric14]. Elektronik [Ric14]. Elektronik-Projekte [Ric14]. Elephant [RGM13]. Elimination [RKN+18, GvRN+11]. elision [NM10a]. 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, ZYZ+12].
embedding [KMLS15, SC16]. emerging [CDMR19]. Empirical [LSBV16, LSVB17, SS13, WXR16, BJBK12, FH16, HH13, KPP+18, MHN19, MHR+12, NCS10, SH12, Tai13, VBDPM16, VBMDP16]. Employing [CC15]. Emscripten [Zak18].
Environment [Kol10, PTML11, RK91, EKR+12].
Environments [BF18, EABV14, GAI+10, HOKO14, KF11, RDP16, RCB17, SGV12]. equality [GRF11]. Equilibrium [YMHB19].
Equivalence [BO12]. equivalent [TLX17]. equivocation [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, OCF114, TTS+10,
Wan11, CSK17, MRA+17, MD15, WWH+17,
XGD+19]. Evaluator [JB12]. Event
[KW11, MV16, BBP13, KW10, MTL15,
WK12, YP10]. event-based [BBP13, YP10].
event-driven [MTL15]. EventBreak
[PSNS14]. ever [Gra15]. everyone [Hor12].

Evolution
[CC15, GMPS12, Mei14, JK11, MAH12,
NCS10, WBA+11, WAB+11, WWS13].
evolving [ZZK13]. Exact [ZW13].
Examples [BNP11, Del13]. Exception
[LT14, ECS15, HWM14, LT11].

Exceptionization [YKM17]. Exceptions
[ASF17, AdCGGH16, HdM17, SMN+12,
ZBB17]. Execution [Bul18, MSS19,
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LLL13, MMP+12, RCB17, SPPH10].
execution-driven [HZZK19]. Executions
[WCG+18, AsdGMG14, PPS16, STR16].
executives [RS12]. Exemplar [ZW13].
exhaustive [DHS15]. exhibitionism
[VBMDP16]. existential [AT16].
Exogenous [BMS21]. Experience
[ABMV12, OW16, Sch10a, FGB+19,
CBLFD12, TRE+13, WT10]. Experiment
[BKP16, MDS+17, HWLM11].

experimental [XGD+19]. explicit
[NGB16]. exploit [Ano13]. Exploitation
[SSMGD10, MLM19]. Exploiting
[NKH16, QSa+16]. exploration
[FWDL15]. explorative [AHK+15].
Exploratory [BKP16, ECS15]. explore
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Expression [NS12, PIR17]. Expressions
[NM10b, GK15, MKTD17]. expressive
[VYY10]. Extended [DDDF17, FGR12,
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Extensible
[ZivM14, ER14, KMLS15, MHB13].

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[RSH12, WA19, LE16, MLGA11, PdMG12].
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[LMZP19, Wan11]. Extracting
[CJ19, CCA+12, KM10]. extraction
[LKP19]. Extremal [LTD+12]. Eye
[OAC18, RLM15, Guy14]. Eye-Tracking
[OAC18, RLM15].

F [GMT14, TTD12]. F-bounded [GMT14].
F-MPJ [TTD12]. FAA [Sch10a].

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Facebook [Ano13, HOSC16]. Facets
[ASF17, AF12]. facilities [BVGVEAFG11].
Factors [PGA18]. FAD.js [BB17].
failboxes [ZBvdB+19]. failing [STR16].
failures [CRAJ10]. false [HW1+12].
familiarized [Ame13]. family
[KHM+11, KvRHA14]. family-based
[KvRHA14]. Fast
[CVG+17, CSGT17, HyG12, SBM14, SLF14,
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LX19, MDM17, MHB13, SV15b, WSH+19].
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[RK19, RBL12]. Fault-Tolerance [RK19].

Faults [SRTR17, KPP+18, ZZK13]. FC
[YWW+18]. Featherweight [RvB14].
feature [AH10, KvRHA14, OJ12, SS19].
feature-based [KvRHA14]. features
[MKK+12, MKK+13]. Feedback
[NED+13, NG13, WM10].
Feedback-directed
[NED+13, NG13, WM10]. fields
[PQG17]. FIFO [QSa+16]. filtering
[HW1+12]. find [Ryu16]. Finding
[AZMT18, RPP19, XMA+10]. Fine
[BVGVEAFG11, DRN14]. fine-grained
[DRN14]. Fingerprints [SSM16]. Finite
BLH12, MB12]. Finite-State [BLH12].

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

J [KMLS15]. J2M [LZYP16]. J2ME [GPT12]. J2ME-Enabled [GPT12]. Jacie [KS14]. Jacob [LYM^+18]. Jalapeno [AFG^+11]. JAMES [DDDF17]. JaSTA [HD17]. JaSTA-2 [HD17]. Java [Bro12, Den18, Fox17a, Gve13, HWM11, HTW14, MvH15, Ngo12, Sch13, VK12, AÖ11, KvGS^+14, PQTGS17, SAdb^+16, ABC18, A&SGMG14, AST12, AFGG11, AYZI10, AdCGGH16, AT16, And14, Ano12, Ano13, ABMV12, AGR12, AGR17, ABCR10, ADI13, ABFM12, AK13, BK12, BH17, BMR14, BH12, BDT10, BVGVEA10, BVGVEA11a, BVGVEAFG11, BVGVEA11b, BVGVEA13, BVGVI14b, BS12, BMDK15, BO11, BO12, BO13, BP19, BCR11, BDGS13, BCD13, BD17, BRGG12, BlvIS17, Bla18, BR12, BH10, BR15, BB12, BNP11, BL15, BW12, BA12, BZD17, BSOG12, BMOG12, BK16, BA17, BJK12, CIAD13, FGB^+19, CSZ17, CZ14, CMM17, CWW13, CV14, CS12, CDTM10, CCFB15, CNRG19, CC15, CRJ^+10, CWGA17, CSF^+16, CSK17, CCH11, CJ17, CJ19]. Java [CYWD19, CDG^+17, Cle16, CDMR19, CKS18, CS1L16, CCA^+12, CMM^+10, CRAJ10, DJLP10, Dan18, DDDF17, DLM10, DLZ^+13, DVL13, DR10, DHS15, DJB16, DMS11, ECS15, EEK^+13, ES14, EQT10, Esq11, E&BGVE14, Eng13, EV13, ETTD12, ETR^+15, FLZ^+18, FRGP12^+16, FGR12, Fer13, FFF17, FLL^+13, FHSR12, Fox17b, FMS^+11, GLGA19, GMPS12, GvRN^+11, GYB^+11, GM12, GBS14, GD12, GBC12, GS11, GS12, Gou11, GMC^+13, GT10b, GJS^+13, GJS^+14, Gri17, GPT12, GK15, HL13, HD17, HdM17, Has12, HW10, HWM13, HWM14, HA13, HM12, HTLC10, HKVG14, HI13, HOKO14, HGCA11, Hor11, Hor12, HCl13, HC10, HZK19, HWLM11, HJ12, IHWN12, IN12, IS18, IF16, JCI10, JEC^+12, JQJ^+16, JI17, Jen12, JB12, JYKS12, JTO12, JHI11, J^+12, JMB12, JMO14, KHR11, KHM^+11, KMLS15]. Java [KS13, KW10, KW11, KPP^+18, KM10, KR14, KSPK12, KDPG18, KS14, KF11, KB11, LSB16, LSBV17, LTD^+12, LMK16, LSM16, LLL13, LT11, LT14, LZYP16, LXP18, LYBB13a, LYBB13b, LYBB14, LZ12, LKP19, Loc13, Loc18, Lon10a, Lon10b, LMS^+12, LMS^+13, LO15, LPA13, LWC17, LTK17, LS11, Lyo12, MKZ^+14, MS13, MME^+10, MLGA11, MDS^+17, MCC17, MP^+15, MH19, MZC10b, MKTD17, MM16, MH10, MAH12, MB12, MCY^+10, McN19, MGS19, MP12, ML17, ML19, MKK^+12, MKK^+13, MS10, MCW19, MvH15, MT14, MDHS10, NM10a, NCS10, Nil12a, Nil12b, NG13, NNTK17, NNT^+19, NM10b, NBB18, Oak14, OOK^+10, OKM^+10, OIA^+13, OUY^+13, OW16, OJ12, OCFLI14, PS11, PLL^+18, PdMG12, PT111, PML14, PTHH14, PL12, PilCH11, PBM13, PBB19, PPM15, PMP^+16, PQL12, PVH14]. Java [PTF^+15, PS10a, PS10b, PDPM^+16, Pos19, PSW11, Puf13, PKC^+13, QLBS17, RD15, RDCP12, RTE^+13, RTET15, RR14, RS12, RHT13, R^+13, RBL12, RAS16, RS12, Rey13, Rez12, RVP11, RLM15, RRB19, RB15, RvB14, SSL12, SSB^+14a, SE12, SRB18, SRTR17, STST12, SS12, Sch14, Sch13, Sch10a, SPPH10, SKKR11, SDH^+17, Sch10b, SSMD10, SZ10, Set13, SMSB11, SMS^+12, SM12, SDM12, SWMV17, SW12, SGV12, SEPV17, SKBL11, SD16a, SJPS10, SLS^+12, SKR17, SS14, SABB19, SP10b, SMP10, Sp16, SE^+19, SPP^+10, SWB^+15, SSB01, SSB14b, ST15, SMP19, SPS17, SSG^+14, SS19, STS^+13, Sve14, SWF12, TRTD11, TTD^+11, TTD12, TRE^+13, TLL11, TXW^+10, TFPB14, TN19, TWH12, TN12, TGZ17, TJLL18, TK1^+15, UR15, UFM15, UPR^+18, VSG17, VGRS16, VBDM16, VBMDP16, VGS14,
VBAM10a, VBAM10b]. **Java**

[VBMA11, WGF11, Wam11, WZdSOS17, WCST19, WLL19, WBM+10, WK12, WCB16, WN10, WRI+10, WA19, WHV+13, WHIN1, WZL+18, WBA+11, WAB+11, WWS13, XHH12, XR13, XMD+17, Xue12, YP10, YKM17, YKA+19, YDF15, Zbsd17, Zak12, ZP14, ZLCW14, ZHL+12, ZXL16, ZBvdB+19, ZKB+16, ZYY+19, ZWSS15, ZPL+10, ZDS14, dCMN12, dMHR12, eBH11, hED12, vdMvdMV12, De13].

**Java-Based** [AFGG11, SLS'12, ST15, SWF12, CJ17, CJ19, HOKO14, JMO14, KS13, KS14, MB12, MCY+10].

**Java-compatible** [ABCR10]. **Java-like** [BDGS13, BCD13, DPL10, SZ10].

**Java-to-HDL** [Ouy+13].

**Java-to-JavaScript** [LSWM].

**Java.util.Collection.sort** dGrdB15.

**Java/JSP** [Sch10b].

**JavaBean** [MZC10a].

**JavaBIP** [MBSZ17].

**JavaCC** [GN16].

**JavaCOP** [MME+10].

**JavaAdaptor** [PKC+13].

**JavaAdaptor** [PKC13].

**JavaFX** [FBG17, Top11].

**JavaGI** [WT10, WT11].

**JavaImport** [Kim15, Kie13, Ric14, Teo13, CH17, AMT17, ACS+14, AHK+15, AZMT18, AGM+17, AMW15, BNP+18, BCF+14, BBP13, Ccc11, Cha18, CGJ+16, CVG+17, CBFLD12, Cho14, CDBD18, CH12, Dan18, Dei10, Dei11, DcSG12, Dpi18a, Dpi18b, DFHF15, FM1+11, FM13, FH16, FBH17, FSC+13, FZ17, FOPZ14, GMS12, Guo17, GCC19, HyG12, Hav11, HBS16, HLSK13, HHSS13, HC11, HOS16, KR12, KSW+14, KRH16, KTL14, Ker15, KFbK+15, Kie10, KBL14, KRR19, KARO12, Kri12, LSWM16, Ler10, LVG10, LPK14, Liu14, LML17, MTL15, MLT17, MPS12, MGL17, MHL15, MRMV12, Mil13, MM12, MMP15, Mor18, NKh16, NSD17, OBP17, PWSG17, PWSG19, PGA18, PLR14, PSR15, PLR18, PKPM19, PDD17, PKO+15, Por18, Rau14, dARPH+19, RLBV10, RGEV11, RHN+13, RW17, Ryu16, RPP19, SMN+18, STA18, Ser18].

**JavaScript**

[Sev12a, Sev12b, SVB+17, SDC+12, Sta10, Ste10, SR17, SFR+14, TAF+18, TT11, VM15, VP16, VB14b, Wai12, WCST19, WXR16, YW13, Zak18, Zak10, dJM18, BM18, KCD12, Me14, Ano18, Kie13, Teo12, Teo13].

**JavaScriptCore** [Piz17].

**JaVerT** [SMN+18].

**JAWS** [PKO+15].

**JBody** [CZ14].

**JCloudScale** [ZLHD15].

**JCSi** [AFBM12].

**JCS** [WB+10].

**JDiffraction** [PQTC17].

**JDK** [SRB18].

**JDM** [ZP14].

**jDSSAT** [JMM+10].

**jEqualityGen** [GRF11].

**JET** [LT11].

**JGRIM** [MCC10b].

**Jinn** [LWH+10].

**JIT** [BBF+10, BB17, CMS+12, HW14, IHWN12, JK13, NED+13, Ott18, RSB+14, WK17, ZYY+12].

**JIT-based** [BB17].

**JITs** [KRCH14].

**jMarkov** [CRAT+12].

**JML** [CR+10, TJL18].

**JML-annotated** [TJL18].

**JN** [CDG+17].

**Joe** [Ano18].

**Johnny** [WA19].

**join** [MCC10b].

**Jou** [Ngo12].

**Journey** [Ryu16].

**joy** [FH11].

**JP2** [SSB+14a].

**JPC** [CMM17].

**JPF** [BA19, WK17, WCG+18].

**JPR** [WK17].

**jQuery** [AM14, PIR17].

**JR** [OW16].

**JR-like** [OW16].

**JRE** [CZ14].

**JS** [AHK+15, Por18].

**js-emass** [Por18].

**Js_of_ocaml** [VB14b].

**JSART** [MM12].

**JSCore** [Cha18].

**JSetL** [RB15].

**JSon** [BB17].

**JSremdb** [Dei10].

**JSP** [Sch10b].

**JTTabWb** [FFF17].

**JTRES** [HTW14].

**JTRES2011** [RHT13].

**JTRES2013** [Fox17b].

**JTRES2014** [Fox17a].

**JUDgment** [CSV15].

**Julia** [Dan19, Spot16].

**Juliet** [BB12].

**Jump** [Bro12, KP15].

**Jump** [Dan18].

**JupyterLab** [Dan18].

**Just** [DLR16, TN19, KHL+13, LMK16, MGL17, TTS+10].

**Just-In-Time** [TN19, DLR16, KHL+13, LMK16, MGL17, TTS+10].

**JVM** [AC16, AFG+11, CSS+16, Guy14, MS10, PVH14, R+13, RRB17, SYZZ+14, SV15b, Sub11, WK17].

**JVMs** [BK14, ZYY+12].

Kraken [Ano14].

Lake [Hol12]. lambda [MKTD17].
lambdas [UFM15]. landscape [Sve14].

Language [DLPT14, GJS+13, GJS+14, GSS+18, JC10, KSPK12, MAHK16, NM10b, Sev12b, SS13, WBN18, ABCR10, CMM17, Csdl16, DaA13, EKR+12, Fee16, GSS+16, Hos12, HWW+15, KRCH14, LW+10, LE16, MDM17, SC16, SZ10, SKR17, SNS+14, VB14a, WCG14, WWH+17, ZWSS15, dCMMN12]. language-level [WCG14].

Language-Neutral [WBN18].

Languages [CSGT17, MSM+16, PTHH14, YKM17, AGGZ10, BCD13, CMS+12, DTM+18, EEK+13, ER14, FMBH15, Han15, HBT12, HJS+10, KRR+14, MSM+10, NED+13, PUL016, SPKT18, SPY+16, Zha12]. LARD [WCG14].

Large [BA17, AST+16, CCFB15, CJ19, LSBV16, LSBV17, MDS+17, MCY+10, PTF+15, WHIN11]. Large-Scale [BA17, CJ19, MDS+17, MCY+10, PTF+15, WHIN11]. Larus [DD13].


lean [BRGG12, SV15b]. Learn [RT14].

Learning [Dan18, JJC019, PSJ18, Pau14, RT14, BSAL18, CNS13, KC12, Ano15, Teo13]. learnt [GY16]. Legacy [KH18, SVB+17, CDTM10]. Legally [Sam12]. length [SMP10]. Less [BNE16].

Lessons [URJ18]. Level [AC16, MGI14, SWU+15, YXS+19, EKUR10, Hos12, IHWN12, KBL14, LWC17, MGI17, RFBJ14, TTD+11, VWJB10, WCG14].

leveraging [WCST19]. Lexical [GN16].

Lexicon [TAF+18]. Libraries [BK12, RDCP12, BlvdS17, Chol14, EKR+12, PMLT14, PLR18, TTD+11]. Library [CH17, CWGA17, NBB18, OCFL14, TAF+18, WN10, dJm18, CMM17, PMP+16, PQTGS17, Pos19, TFPB14, TCZ17].


Linux [Ric14]. Linux-basierte [Ric14].

Listener [JH11]. little [Han15]. liveness [LDL14]. load [PDP+16]. loaders [SM12].


location [NCS10]. Locators [SDM12].

Lock [FC11, NM10a, NFV15, UMP10].

Lock-free [FC11, NFV15]. Locking [GGRS17, JTO12, GGRS14, GGRS15, YKA+19]. locks [PS17]. Logging [CJ19, CJ17].

Logic [BLNP18, GMS12, Phl18, 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 [ETR+15]. Low-level [WCG14].

Low-overhead [ZHCB15, ZFK+16].

low-utility [XMA+10]. lunch [DTLM14].

m [MZC10b]. m-JGRIM [MJC10b]. M2M [Pau14]. Machine [JJC019, LYBB14].
Ame13, CBLFD12, KS13, KC12, McM11, Piz17, SSMGD10, WGF11, WHV+13, BZD17, Cle16, LYBB13a, LYBB13b, LTK17, PTHH14, RRB19, SSB+14a, Sch13, Set13, SNS11, SGV12, SSB01, SSB14b, UR15.


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MetaFJig [SZ10]. metaheuristics [DDD17]. metaprogramming [PS11].


Microsoft [Ano13]. Middleware [RTE+13, AdSCdR+19, HOKO14, HWLM11, MZC10b]. middleweight [IF16, MT14].


YKM17, MZC10a, OMK+10, SSL18, ZP14. Non-Adequate [GGZ+15].
on-cache-coherent [ZP14]. non-cloned [SSL18]. Non-equivocation [TD17].
Non-functional [BVGV11]. non-intrusively [MZC10a]. Non-Java [YKM17, OMK+10].
Non-termination [BSOG12]. Non-volatile [WZL+18].
Non-Volatility [WZL+18]. Nonblocking [RTET15, SP10a]. Nondeterministic
[RB15, BENS12]. noninterference [IF16].
Nopol [XMD+17]. Normalization [ADJG19]. NoSQL [DFR13].
Notation [Sev12a]. Novel [NK10, MZC10b].
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Numerical [HCLH18, KS15, KFBK+15, PQTGY17].
Object [CSGT17, GLGA19, GS11, KB11, LZ12, NWB+15, PTHH14, PiLCH11, RC17, Sev12a, SW12, AST+16, BZD17, DDDF17, FMBH15, IvdS16, KRR19, LX19, MMEY14, MHBO13, RDF15, UJR14, VM10, WM10, ZCdSoS15, Zha12, ZDS14, hEYJD12].
Object-Bounded [NWB+15]. object-constraint [FMBH15].
object-manipulating [KRR19]. Object-Oriented [GS11, KB11, RC17, PTHH14, AST+16, DDDF17, MHBO13, VM10, ZDS14, hEYJD12]. object-sensitive [LX19]. Objective [Sta10]. Objective-C [Sta10]. Objects [BS12, RKN+18, MHL15, SK13, SABB19, WX1R, BVGV1A10].
Observations [AAB+10]. OCaml [Cle16]. OCaml-Java [Cle16]. OCTET [BKC+13].
odeToJava [KS15]. offloading [ZHL+12]. on-demand [ZHL+12]. On-Stack
[WBHN18]. On-the-fly [URJ18, UJR14]. once [WSH+19]. one [SV18]. ones
[AST+16]. Online [NG13, GGC18, GGC19, HCV17, NK10].
only [NM10a]. Ontology [KSPK12].
OoOJava [JhEd11]. Open [BS14, GD12, ABC18, CJ17, CJ19, EKUR10, JK11, Tai13, VGR16].
Open-Source [BS14, ABC18, Tai13]. OpenDK [BFS+18, CHM16, dGReD+15].
OpenMP [VGS14]. OpenMP-like [VGS14]. operating [HDK+11]. operation
[KKW11]. operations [MHN19, TABS12, TGZ17]. Operator
[PQD12]. opportunities [TPG15]. Optimal [AD16, JCM19, SK12, ELW15].
optimale [Sch13]. optimally [BGS+13]. optimisation [PSP16]. optimistic
[WGF11]. Optimization [LTD+12, RRB19, YKM17, AFG+11, BDB11, DDDF17, JMO14, KS13, KC12, NG12].
Optimizations [DR10, BB17, CPST15, DS16, NG13, SAoD+16]. Optimized
[PKPM19]. Optimizing [LYM+18, SV15b, WZK+19, YRHBL13, HWW+15, KRH16, MD15, ZLB14].
optional [CMS+12]. Oracle
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ordering [KC12]. Orders [BNE16].
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[Ao15, Bro12]. Oriented [ABMV12, BH10, GLGA19, GS11, KB11, LYM+18, RC17, AST+16, DDDF17, EABVGV14, MHBO13, PTHH14, RVP11, VM10, VBAM10b, WBA+11, ZDS14, hEYJD12]. OSeq
[HDK+11]. OSG
[BVGV1A13, GD10, Do13]. OSS
[ZMM+16]. other [EKUR10, KS13].
out-of-order [JhEd11]. out-of-thin-air
[OD18]. output [KM10]. Over-exposed
[VBDPM16]. overhead
[BCR13, ZHCB15, ZFK+16]. overlap
overloading [PQD12]. overview [Nil12b].

owners [MPM+15]. Ownership [ZPL+10, BDGS13, DDM11].


pathfinder [KPP12, CS12, MPR12, NNTK17, NNT+19, PdMG12, SM12, vdmVdMV12, Den18, RR14, SMP19]. patient [EKUR10]. patient-level [EKUR10]. pattern [GSD+15, SAdB+16].


perceptible [JH11]. Perfect [SLE+17]. Perform [LMZP19]. Performance [ACCR18, CSZ17, CCH11, DR10, GBC12, Hol12, HJ12, MSM+16, Oak14, OCFLI14, QSaS+16, RVT18, TRE+13, TPG15, THC+14, URJ18, VP16, WWG+18, WN10, ACS+14, AAB+10, BRGG12, BRWA14, CBGM12, Del11, GSS+16, HWI+12, IRJ+12, JH11, NGo12, ODL15, PSNS14, SE12, SEPV19, TTD+11, TXW+10, WFF18, WHIN11, WWH+17, Zak10].


pgs [Ano18]. PHALANX [VYY10]. phase [KC12]. phase-ordering [KC12].


polyorphism [GMT14, PULO16, UTO13]. polynomial [Pos19]. POPL [BCR13].
Popular [Has12, SRB18].
Popular-but-Seemingly-Dissimilar [Has12]. portable [BM18, LTK17, RGM13].


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relationship

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SS19, BVGVEAFG11].

rename [FM13].

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repository [HC10].

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Requirements [MSS19, AGGZ10].

Resource-aware [SGV12].

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responsive [SP10].

restructuring [RC1].

rethinking [LHR19, Xue12].

retrofitted [TTS1].

reusability [Tai13].

reuse [HC10].

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[CC12, MLM17, MLM19].

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[GGC19, HLO15].

rewriting

[GGC19].

RFID [AYZ10].

RFLP

[CYC12].

richer [CV14].

rigor [Vit14].

rigorous [AGR17].

rings [Pos19, Pos19].

Rise [DiP18a],

risk [PM15].

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[HHS13].

R. [OW16].

RMI [S19].

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[RX17, SWU15].

Robin [Ani15].

Robotic

[DiP18b, LM15].

Robots [SW12].

Robust

[V15, VD17, MKZ14, SGV12, VM10].

Rod

[Teo12].

ROM [ML19].

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row-typed

row-reusable

runtime [FIF14].

RTSJ

[ZW10].

Rubah

[PVH14].

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[H11, TXX10, YK14].

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runtime

[BLH12, CMM10, GSS18, MAHK16, MSS11, NWW15, OFL114, XMA14, BRGG12, EQt10, GTR10, OOK10, PKC13, RO12, STY1, TWS10, VBAM10, WLL1, YRHB13, dCM112].

runtimes

[BM14, CSV15, RCR14, WWH17].

ruyu

[ALB19].

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[Ge13].

Safe

[Eug13, GVRN11, JTO12, Loc18, MPS12, RFF15, SWB15, WAB11, HJS10, HAW12, KHR1, KLS15, KCP17, Loc13, RDP16, WWS13].

Safety

[MC19, RS12, SDH17, WCB16, ZLCW1, AG17, EKU10, GMC13, N11, PG12, SD16b, Ta13, YS10, ZBvdB19, CWW13, HL13, LCW1, WK12].

Safety-Critical

[MC19, WBC16, ZLCW14, RS12, SDH17, AG17, CWW13, LCW17].

Salespoint

[ZDS14].

Salt

[Hol12].

SAM

[BO13].

San

[KP15].

Sane

[MP12].

sanitizer

[VS11].

Sapphire

[UR18].

SAT

[UPR18].

Satin

[WWB10].

SAW

[CFH13].

Scaffolding

[RT14].

Scala

[SM12, AT16, HIN13, LWE13, PT111, Pos19, SMS11, SMS12].

Scala-Based

[PT111].

Scala.js

[DS16].

Scalability

[CCH11, VP16, WZ19, AAB10].

S}

[Gr13].

Secure

[GRN11, JTO12, Loc18, MPS12, RFF15, SWB15, WAB11, HJS10, HAW12, KHR1, KLS15, KCP17, Loc13, RDP16, WWS13].

Secured

[MC19, RS12, SDH17, WCB16, ZLCW1, AG17, EKU10, GMC13, N11, PG12, SD16b, Ta13, YS10, ZBvdB19, CWW13, HL13, LCW1, WK12].

Secured-Critical

[MC19, WBC16, ZLCW14, RS12, SDH17, AG17, CWW13, LCW17].

Securepoint

[ZDS14].

Salt

[Hol12].

SAM

[BO13].

San

[KP15].

Sane

[MP12].

sanitizer

[VS11].

Sapphire

[UR18].

SAT

[UPR18].

Satin

[WWB10].

SAW

[CFH13].

Scaffolding

[RT14].

Scala

[SM12, AT16, HIN13, LWE13, PT111, Pos19, SMS11, SMS12].

Scala-Based

[PT111].

Scala.js

[DS16].

Scalability

[CCH11, VP16, WZ19, AAB10].

S}

[Gr13].

Secure

[GRN11, JTO12, Loc18, MPS12, RFF15, SWB15, WAB11, HJS10, HAW12, KHR1, KLS15, KCP17, Loc13, RDP16, WWS13].

Secured

[MC19, RS12, SDH17, WCB16, ZLCW1, AG17, EKU10, GMC13, N11, PG12, SD16b, Ta13, YS10, ZBvdB19, CWW13, HL13, LCW1, WK12].

Secured-Critical

[MC19, WBC16, ZLCW14, RS12, SDH17, AG17, CWW13, LCW17].

Securepoint

[ZDS14].

Salt

[Hol12].

SAM

[BO13].

San

[KP15].

Sane

[MP12].

sanitizer

[VS11].

Sapphire

[UR18].

SAT

[UPR18].

Satin

[WWB10].

SAW

[CFH13].

Scaffolding

[RT14].

Scala

[SM12, AT16, HIN13, LWE13, PT111, Pos19, SMS11, SMS12].

Scala-Based

[PT111].

Scala.js

[DS16].

Scalability

[CCH11, VP16, WZ19, AAB10].
DSEE13, BFS\textsuperscript{+}18, GTSS\textsuperscript{11}. **Scalable** [BBB\textsuperscript{+}17, BS12, DFR13, GGRSY17, HC11, JQJ\textsuperscript{+}16, RXK\textsuperscript{+}17, RTE\textsuperscript{+}13, XMA\textsuperscript{+}14, XXCL19, ETTD12, FC11, GGRSY15, N1F15, PIR17, PLR18, RTET15, TTD12]. **ScalaLab** [PTML11, PMTL14]. **scalar** [PQTGS17]. **Scale** [BA17, PE11, CJ19, DHS15, LO15, MDS\textsuperscript{+}17, MCH\textsuperscript{+}10, PFT\textsuperscript{+}15, WHIN11]. **SCel** [DLPT14]. **scenarios** [AMWW15, Sch13]. **Scheduler** [QSaS\textsuperscript{+}16, IF16, TWL12]. **scheduler-independent** [IF16]. **Scheduling** [ASV\textsuperscript{+}16, BVEAGVA10, KPHV11, EP14, EABVGV14, ZW10]. **scheme** [XHH12, YKA\textsuperscript{+}19]. **SCHISM** [PZM\textsuperscript{+}10]. **Science** [HWM11, VF10, SGV12]. **sciences** [NL14]. **Scientific** [Esq11, PTML11, TAF\textsuperscript{+}18, WN10, FRGPLF\textsuperscript{+}12, PMTL14]. **scientists** [Bra14]. **SCJ** [MCW19]. **SCJ-Circus** [MCW19]. **SCORM** [HC10]. **Scrap** [ZCdSOvdS15]. **Script** [MSSK16]. **Scripting** [CSGT17, KKK\textsuperscript{+}17, HBT12, KRR\textsuperscript{+}14, PMTL14, Zha12]. **Seamless** [OwKPM15]. **Search** [NBB18, SED14, WCG\textsuperscript{+}18, XXCL19, DDDF17]. **searching** [ETR12]. **Second** [HD17]. **secrets** [Alt12]. **section** [DTLM14]. **sections** [NM10a]. **Secure** [GMPS12, GM12, ABFM12, LMS\textsuperscript{+}12, LMS\textsuperscript{+}13, TLMM13, WA19]. **securely** [SFR\textsuperscript{+}14]. **securing** [CDMR19]. **Security** [CDG\textsuperscript{+}17, Gon11, HBS16, JWMC15, MCC17, PS10a, STA18]. **Seemingly** [Has12]. **selection** [WHIN11]. **Self** [MPS12, SEPV19, YXS\textsuperscript{+}19, hED12, AHK\textsuperscript{+}11, AGH\textsuperscript{+}17, CBLFD12, HWW\textsuperscript{+}15, MD15]. **Self-adaptive** [SEPV19]. **Self-Admitted** [YXS\textsuperscript{+}19]. **self-collecting** [AHK\textsuperscript{+}11]. **self-composition** [AGH\textsuperscript{+}17]. **self-hosted** [CBLFD12]. **self-optimizing** [HWW\textsuperscript{+}15, MD15]. **Self-stabilizing** [hED12]. **Semantic** [GGRSY17, RvB14, BNS12, GGRSY14, GGRSY15, MKK\textsuperscript{+}12, MKK\textsuperscript{+}13, OA17]. **Semantics** [BO12, BR15, Kri12, LKP19, LM17, SPY\textsuperscript{+}16, AK13, FBH17, FZ17, KHL\textsuperscript{+}17, Mil13, MT14, PS15, PPS16, ZHCB15]. **Semantics-based** [SPY\textsuperscript{+}16]. **Semantics-driven** [LKP19]. **semantics-preserving** [AK13]. **Semi** [FM13, SEK\textsuperscript{+}19, ABC18, MRMV12]. **semi-automated** [MRMV12]. **Semi-automatic** [FM13]. **Semi-Autonomic** [SEK\textsuperscript{+}19]. **semi-structured** [ABC18]. **Sensitive** [SGD15, HW13, KRR19, LM16, LX19, STA18]. **sensitivity** [HB13, LTMS18, LX19, PLR18]. **Sensor** [AFGG11]. **separability** [WRI\textsuperscript{*}10]. **Separating** [DDM11, AC10]. **Separation** [ZLNP18, PH18, TWSC10]. **Sequence** [NBB18, ZW\textsuperscript{+}14]. **Sequencing** [YWW\textsuperscript{+}18]. **Sequent** [FFF17]. **sequential** [BENS12, DMS11]. **serialization** [MHBO13]. **Seriously** [Kie10]. **Server** [HC11, KRR16, D’H12, DEI11, GGC19, HWLM11, R\textsuperscript{*}13]. **Server-Side** [HC11, KRR16, D’H12]. **Service** [BVEAGVA10, SD12, CKB12, EABVG14, GD10, HWLM11, KF11]. **service-oriented** [EABVG14]. **services** [MZC10b]. **session** [KDPG18, FGR12]. **Set** [SBK13, Lon10a, Lon10b]. **Set-based** [SBK13, Lon10a, Lon10b]. **sets** [SP10b]. **settlers** [MI13]. **setting** [BDGS13]. **Settings** [GM12]. **Seven** [ST15]. **SGX** [CDMR19]. **Shadow** [NNTK17, NNT\textsuperscript{*}19]. **ShadowVM** [MKZ\textsuperscript{+}14]. **shalt** [LCW18]. **shape** [GTM14]. **Shared** [BG17, FBG17, BSMB16]. **Shared-Memory** [BG17, BSMB16]. **sharing** [PKO\textsuperscript{+}15]. **Sherlock** [ADJG19]. **Short** [AHK\textsuperscript{+}11, Cha18, SV15a, Zak12]. **Short-term** [AHK\textsuperscript{+}11]. **shortcut** [MLM19, CSGT17]. **Side** [Bul18, HC11, OBPM17, D’H12, KRH16].
-statically [BTR^13, NED^13], statistical [Bra14, ZFK^16]. statistically [PPMH15].
STM/HTM [CHM16]. StMungo [KDPG18]. stochastic [CRAT^12]. stock
[SVH14]. Stop [LWB^15]. stops [BNP^18]. Storage
[Hol12, VDV17]. Store.
 [BS12, Sta10]. stores [DFR^13]. Story [Ano14]. strategic [BMR^14]. strategy
[PDP^1^16]. Stream [CWGA^17, KBPS^17, MV^16, BRWA^14, SSG^14, ZDK^19].
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Strength [KCD^12]. String
[HOKO^14, CSK^17]. Strings
[HWM^11, HWM^10, LSSD^14]. strong
[UMP^10, ZHCB^15, ZBB^17]. Structure
[ZLNP^18, LO^15, PLL^18, UMP^10].
structured [ABC^18, LSW^16]. Structures
[GT^10b, CDTM^10, XMA^10]. studies
[EKUR^10]. Studio [RT^14, FH^16].
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