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].  
$\mathbf{39.95}$ [Ano18]. 4 + 1 [SRB18]. $\tau_P$ [LTK17].  
$C_p$ [AO11]. $K$  
[PLL+18, SS19, SD16b, SGG+17]. $N$  
[ADJG19, WZK+19]. $Z_p$ [AO11].  

/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].
Abbreviated [SRTR17]. ABS [SAdB+16].

absence [AGH+17]. Abstract [AGR12, BDT10, DLR16, KPP12, XMA+14, DLM10, DLR14, FSC+13, KMMV14, NSD17, SSK13]. Abstraction [BW12, Bro12, GY16, SKKR11, PL12, ZMG+14, ZFK+16]. Abstractions [NYCS12, RFBJ14, UR15, SPP+10].

accelerated [PQTGS17]. Accelerating [KMZN16, ZLB14, Cha18]. Accelerator [MAK19, OIA+13]. accelerators [PWA13]. Access [CSGT17, HBT12, TT1, TNTN12, BB17, KT14, MMH10, RHN+13, XHH12]. Accessibility [STST12, VBM16].


add [DLM10]. adding [MZC10a]. Addition [RK19]. addressing [GD10, VBM16].

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

Adoption [PBMH13, PGA18]. Adrian [Ngo12]. Advanced [Hor11, VBM10a, dJM18, Jen12].


Ajax-Based [MvDL12]. algebraic [Lei17].

algebras [LdS16, ZcS0v15].

Algorithm [JCO19, YCYC12, TWX13, MT13, ML17, Por18, Gun14].

Algorithmic [FHP+12]. Algorithms [BF18, GT10b, Gra15]. Aliasing [NS12].

Alignment [NBB18]. alike [DA13].


Alting [WBM+10]. always [AJL16].

Analyses [Kr12, TN19, HB13, KMZN16, PMP+16, ZMG+14].

Analysis [ADJG19, AGM+17, Bul18, CPV15, Hol12, JCO19, KCD12, LHR19, MvDL12, NS12, RDCP12, RRB19, RPP19, SGD15, SW12, SDC+12, SLES15, SLE+17, SR17, VP16, ZKB+16, AM14, Bra14, CFH+13, CDR19, DHS15, GYB+11, HCN14, HW11, KSW+14, KT14, KvGS14, KPP+18, KRR19, LSV16, LSV17, LT14, MTL15, MKZ+14, MCC17, MB12, NSD17, NS13, PIR17, PLR18, Puf13, RLVB10, RRB17, SPPH10, SMSB11, SBK13, SP10b, TLX17, TXW+10, TMLM13, TL17, TPG15, WA19, ZMN14, ZWS15, CH17].

Analytics [BBB+17, KB17, STCG13]. analyzer [Fe13, GN16, SMP10].

Analyzing [PLL+18, ZDK+19, BTR+13, PSN14].

Android [CS13, MPP+12, STY+14, THC+14, ZHL+12, ZKB+16, vmdVM12].

AngularJS [RVT18]. Ann [CSdL16].


answering [KM10]. any [FIF+15]. anytime [STCG13]. anywhere [STCG13].

AOP


authorship [FM+11]. auto [SKBL11]. auto-tuning [SKBL11]. AutoFix [YSCX17]. automata [LKP19, TLX17, ZW+14]. Automated [BH17, BSOG12, BMOG12, MS14, RGEV11, SDM12, TJLL18, UPR+18, AsdMGM14, MRMV12, YSCX17, ZF+16]. Automatic [GGRSY14, GGRSY15, GGRSY17, IS18, KKW11, LXP18, MDS+17, MM16, PQD12, PB+19, RK19, SZ11, SD16a, SJP10, SS16, WM10, ZLN18, ZB16, ABK+16, FM13, PG12]. automatically [TB14, VB18]. Automating [YXS+19].


comments [PBB19, ZYY+19].
Communication [JQJ+16, RTE+13, SK12, BJBK12, ETR+15, TTD+11].
AdCGGH16, BNP+18, BL15, FWDL15, LSWM16, RHN+13, STS+13, TABS12, WLL19, XHII12. controlling
[BKC+13, YDF15]. Convention [Hol12]. conversions [CM17]. Converter
[YWW+18]. Cooperative
[YWFF15, HDM17]. Coordinating
[MAHK16]. coordination [BMSZ17]. copy
[FBH17]. copyrightable [Sam12]. Core
[Hor11, HC13, RDCP12, RTE+13, MS10, PLL+18, TRTD11, Gve13]. cores
[GTSS11, SKBL11]. Cornell [Gve13]. corpus
[HNC14, LSVB16, LSVB17, TMVB13]. correct
[AdCGGH16, AJL16, DJLP10, PS10a]. Correctness [LL15, BENS12, Cho14]
.Correlation [SDC+12, XHII12]. Corrigendum [LSVB17]. Cost [MSS19]. counter
Coverage
[CSS+16, GGZ+15, MSS19, RGB18]. Coverage-Based [GGZ+15].
Coverage-directed [CSS+16]. CPS
[PDDD17]. CPU [PKO+15]. Crawling
[BMSV18, MvDL12]. Creating
[YMHB19, HC10, VBAM10b]. Creation
[SK12]. crisis [AT16]. Critical
[HLL13, MCW19, WK12, WCB16, ZLCW14, AGR17, DTLML14, GMC+13, NM10, Nil12b, RS12, SDH+17, CWW13, LWC17]. Cross
[GSS+18, MDM17, OTR+18, WBHN18, XXCL19, AMWW15, BKS+13, GSS+16, KMZN16]. Cross-Architecture [XXCL19]. cross-cutting
[AMWW15].
Cross-Language
[GSS+18, MDM17, GSS+16]. Cross-Layer
[OTR+18]. Cross-OS [XXCL19].
Cross-Platform [WBHN18].
cross-program [KMZN16]. cross-thread
[BKC+13]. Crowdsourcing [BH17].
CrowdSummarizer [BH17]. crypto
[PTRV18]. Cryptography [GPT12]. CSS
[Ano15, HLO15, Sta10]. Curve [GPT12].
customizations [LGV10]. customized
[HB13]. cutting [AMWW15]. Cyclic
[BMOG12, RS12].

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

DAA [DR10]. Data [Bra14, BMOG12, BA17, BF18, GM12, GTS+15, GT10b, JJCO19, NKh16, NWB+15, NFN+18, NWB+18, TAF+18, YWW+18, ZLN18, dMRH12, BK14, BB17, BOF17, BBlC13,
BBJK12, CDTM10, CRP+10, DRF13, DHM+12, EKUR10, FOPZ14, KB17, LDL14, MRA+17, NL14, SAdB+16, SS+14, SGG+17, UMP10, WKJ17, WCG14, XXZ13, XMA+10, XGD+19, Zld18].
data-centric
[DHM+12, FOPZ14]. Data-Driven
[JJC019]. Data-Intensive [NW+18].
Data-Parallel [NKh16, CRP+10]. database [De10, EKUR10, TABS12].
databases [EKUR10, MLGA11]. Dataflow
[BR12]. Datalog [ZMG+14]. dataset
[MDS+17]. David [Kie13]. Days [Sev12b].
DBT [KS13]. dead [SK13]. Deadlock
[CHMY19, CHMY15, SR14a, SR14b]. Dean
[Bro12]. Debt [YXS+19]. debugging
[ASdMGM14, BM14, KS14, TB14, VB18, ZFK+16]. December [LSVB17]. Deciding
[SGD15]. decision [RBV16]. Declarative
[DRN14, RS12, FOPZ14, WCST19, MME+10]. Decomposition
[AGH+17, PLL+18]. deconstructing
[ACS+14]. decoupled [LPA13].
deduplication [HOK14]. Default
[BG17, SNS+14]. defects4j [MDS+17].
defined [FMS+11]. Define [NS12].
Definition [SSB14b, AK13, SSB10].
Definitive [Oak14]. delegation [GBS13].
delimited [PDDD17]. DelphiJ [GBS13].
demand [FWDL15, ZHL+12].
demand-driven [FWDL15]. DemoMatch
[YKSL17]. demonstrations [YKSL17].
Deoptimization [KRCH14]. depend
[LCW18]. dependability [GD10].
Dependence [PDDD17, JWMC15].
Dependence-driven [PDDD17].
dependences [BKC13, WLL19].
dependencies [ELW15]. Dependent [CHJ12, LE16].
deprecation [SRB18]. depth [R+13].
Design [AC16, ETTD12, MLGA11, Pufl3,
RTE+13, SW12, TRTD11, TKL+15,
VGRS16, YCYC12, BBXC13, CsDL16,
GSD+15, IRJ+12, Lon10a, Lon10b, OA17,
SAfB+16, SMSB11, VM10, Xue12].
Designing [Sev12b, KHR11]. Desktop [GS11].
destructive [FF10]. Detecting [BK12, HLO15, PiLCH11, XR10, FF10].
Detection [BH10, BSOG12, KCD12, MS14,
RD15, XMA+14, AMT17, CSK17, LMK16,
LS11, ODL15, PG12, RDF15, RGB18, RW17,
SR14a, SR14b, SS14, WCG14, XXZ13, XR13].
detector [WFF18]. detectors [LWH+10].
Determinacy [AM14]. Determination
[YXS+19]. deterministic
[DNB+12, MvH15]. develop [WA19].
developer [EV13, Top11, ZK13].
Developers [Bro12, BMR14, DJB16, HH13, Wam11].
Developing [FGB+19, R+13].
Development
[ABK+16, AYZI10, MT13, PBM+19,
AGRT1, BM18, FRGGLF+12, GT10a,
PSW11, SRK17, SH12, WBA+11, ZDS14].
Device [TTD+11, XHH12]. Devices
[CPT12, JQJ+16, MV16, ETR+15, Xue12].
DFC [BR12]. diagnosis [RW17]. DiaL
[STCG13]. dialects [BlvdS17]. difference
[PS11]. differential [CSS+16].
Differentiation [FHP+12, PQD12, SD16a].
digital [JMO14]. dimensional [TGZ17].
Directed [STR16, CSS+16, EP14, Lei17,
NG13, NED+13, WM10]. directives
[VGS14]. Discovering [Sev12a]. discovery
[YKSL17]. discrete [DDDF17]. Disease
[PE11]. Disjunctive [JJO19]. Dissimilar
[Has12]. Distance [ZW13]. distributable
[CRAJ10]. Distributed
[BVEAGVA10, CWGA17, LTD+12, LM15,
MAHK16, MRF18, NFN+18, PE11,
YMH19, AdsCDR+19, BVGVE10,
BVGVEA11b, BVGVE14b, CRAJ10,
EABVG14, STCG13, SS19]. distributing
[TGZ17]. divide [SBF+10]. Do
[HH13, LMZP19, Han15]. Does
[BRGG12, Rub14]. DOJ [hEYJD12]. DOM
[GGC18]. DOM-Based [GCC18]. Domain
[KSPK12, CsDL16, EKE+13, HH15+15,
PIR17]. domain-specific
[CsDL16, EKE+13, HH15+15]. dominance
[CPST14]. Doppio [VI14a].
DoubleChecker [BHSB14]. down
[Ker15, ZMY14]. DRAM [OTR+18]. drf
[MSM+16]. DRFX [MSM+10, SMN+12].
Driven [CCA+12, JJCO19, YPM112,
BM18, FGB+19, CHM13, FDDL15,
HZZK19, LKP19, MTL15, PDDD17, SR14b].
drug [EKUR10]. DSL [KAR012]. DSLs
[KHR11, RO12, SC16]. DSU [PVH14].
Dual [AD16]. Dual-Pivot [AD16].
Dynamic [AGM+17, ABMV12, ASF17,
BFS+18, CHMY15, CHMY19, LMZP19,
MRF18, MvDL12, PTHH14, RDF15,
WWG+18, XMA+14, ZKB+16, AF12,
BDB11, BK14, BCD13, BOF17, CSV15,
CPST15, ELW15, GYB+11, HB13, KRC14,
KRR+14, KT14, LWH+10, LVC10, MKZ+14,
Nil12b, NG12, NED+13, RLBV10, RCR+14,
RRB17, SR14b, SJS10, SH12, TPG15,
VBAM10b, WXR16, WFF18, WBA+11,
WAB+11, WWS13, WWH+17, ZBB15].
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].
economics [SJBL10]. Ecosystem
[YMH19]. Edition
[Ano15, Gve13, LYBB14]. editor [EKR+12].
Editorial [Fox17a]. Editorials
[Fox17b, HTW14, RHT13]. EdSketch
[HHZK19]. EDSLs [RDP16]. Educator
[BA17]. EE [Jen12, MCC17]. Effect
JK11, CCFB15]. Effective [BM14,
PTML11, RD15, CSdL16, KPP+18, Kie13].
Effectively [UR15].
effects [FH16, HAW13, Lei17].
Efficiency [OTR+18, SEPV19].
Efficient [DVL13, GPT12, HWM11, HB13, KT14,
KW10, OOK+10, RSF+15, RFBJ14,
SMN+12, TLX17, TN19, TD17, AK13,
BHSB14, CRP+10, ETR12, HWM10,
KKW11, MRA+17, MSM+10, Pos19, Sie17,
SVG12, SFB15, SV15a, TRTD11, UMP10,
VWJB11, XXZ13, ZDK+19, SV18].
Efficiently [FBH17, BKC+13, FOPZ14].
Einsatzszenarien [Sch13]. Einsteiger
[Ric14]. Elektronik [Ric14].
Elektronik-Projekte [Ric14]. Elephant
[RGW13]. Elimination
[RKN+18, GVRN+11]. elision [NM10].
Elliptic [GPT12]. Eloquent [Hav11].
enass [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, LSBV17, SS13, WX16, BJBJK12,
FH16, HH13, KPP+18, MHR+12, NCS10,
SH12, Tai13, VBDM16, VBMDP16].
Employing [CC15]. Emsscripten [Zak18].
emulated [THC+14]. Emulation
[XXCL19]. emulator [KS13]. Enabled
[GPT12, DR10, ETR+15, RBL12, SVG12].
encapsulation [DMM11]. 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, OYU+13, Tar11, Ngo12].
Engineering
[CCA+12, GT10a, MLM17, MLM19, VF10].
engineers [Bra14]. engines
[KRH16, SSG+14]. enhanced
[LMK16, WBA+11]. enhancement
[WCST19]. Enhancing
[BDT10, BVGVEA13, DeSG12, HC10].
Ensuring [HDK+11]. Enterprise
[Ano14, AAB+10]. entities [ETR12]. Entry
[BBK12]. enumeration [SS17].
Environment
[Kö10, PTML11, RK19, EKR+12].
Environments
[BF18, EABVGV14, GTL+10, HOKO14,
KF11, RDF16, 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, MRK12]. Evaluating
[BGK17, BLH12, MDHS10]. Evaluation
[CSZ17, GBC12, JMB12, OCFL14, TTS+10,
Wan11, CSK17, MRA+17, MD15, WW17,
XGD+19]. Evaluator [JB12]. Event
[KW11, MV16, BBPD13, KW10, MTL15,
WK12, YP10]. event-based [BBP13, YP10].
event-driven [MLT15]. EventBreak
[PSNS14]. ever [Gra15]. everyone [Hor12].
Evolution
[CC15, GMPS12, Mei14, JK11, MAH12,
NCS10, WB11, WAB11, WWS13]. evolving
[ZZK13]. Exact [ZB13]. Examples
[BNP11, Dei13]. Exception
[LT14, ECS15, HWM14, LT11].
Exceptionization [YKM17]. Exceptions
[ASF17, AdCGG16, HdB17, SMN+12,
ZBB17]. Execution
[Bul18, MSS19, NNTK17, OWP15].
fragmentation-tolerant [PZM+10].

Fragments [PBM+19, OA17]. frames [SJPS10]. Framework [CCA+12, Den18, FFF17, LM15, PWSG17, PWSG19, RBL12, SEK+19, TN19, Ame13, AC16, DDDD17, ER14, FRGPLF+12, JEC+12, KMLS15, Lon10a, Lon10b, MT13, PGA18, PKO+15, RR14, STY+14, ZW10, ZDS14].


Game [MT14, Wan11]. Gap [PVB17, ZLHD15]. Garbage [ASV+16, BH12, BF18, GTS+15, JCM19, MAK19, QSa+16, Sch13, SKBL11, URJ18, ASME18, AGGZ10, BCR13, BP10, BGV14b, BOF17, GTSS11, KPHV11, KBL14, NGB16, PZM+10, PDPM+16, Puf13, SP10a, SBM14, Sie10, SJBL10, UIY10, UJR14, XGD+19].


generalized [WT10]. generate [CS12].

Generated [WWG+18, BM18]. Generating [HJS+10, RDP16, GRF11, KSI4, MHBO13, SKS13]. Generation [AGM+17, BH17, YWW+18, CRJ+10, CMM+10, PPMH15, Pha18, PSNS14, Rim12, RO12, UMP10, ZYY+19].
generations [BOF17]. generators [SLF14]. generic [DDM11, Fer13, HH13, ZPL+10, cBH11].
generics [AS14, Gri17]. Genetic [YPMM12]. Genotyping [YPMM12].

GeoGebra [ABK+16]. geosciences [MCY+10]. Geospatial [CHMY15, EKUR10].
generations [BOF17]. generators [SLF14]. generic [DDM11, Fer13, HH13, ZPL+10, cBH11].
generics [AS14, Gri17]. Genetic [YPMM12]. Genotyping [YPMM12].

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generations [BOF17]. generators [SLF14]. generic [DDM11, Fer13, HH13, ZPL+10, cBH11].
generics [AS14, Gri17]. Genetic [YPMM12]. Genotyping [YPMM12].
hard [LTK17, Puf13]. Hardware
[MAK19, SKKR11, SPS17, CBGM12, IN12, SE12, ZDK+19]. hardwired [OYU+13].
harness [Kie13]. hash
HDFS [IRJ+12]. HDL [OYU+13]. health
[EKUR10]. heap [CSV15, LDL14, TLX17, Tar11, VHY10, YS10, BVGVEA10].
heap-manipulating [YS10]. Heaps
[NFN+18]. Helping [RT14]. Hera [MS10].
Hera-JVM [MS10]. Herren [Kie13].
Heterogeneous [ASV+16, HBB+14, Rub14, AYZ10, ABCR10, DFR13, MS10, SV18].
Heterogeneous-race-free [HBB+14].
Heuristics [MG14, LMK16]. HHVM
[Ott18]. Hidding [RBL12]. hierarchy
[BS13]. High
[GSS+16, Hol12, IRJ+12, MSM+16, RGB18, SWU+15, UBJ18, WN10, Zak10, BRWA14, Hos12, Nqo12, RFB14, TTD+11, TGZ17, VWJB10, WFF18, WWH+17, TRE+13].
High-coverage [RGB18].
High-dimensional [TGZ17]. high-level
[Hos12, RFB14, VWJB10].
High-Performance
[URJ18, WN10, GSS+16, BRWA14, Nqo12, TTD+11, WFF18, WWH+17]. higher
[KT15]. higher-order [KT15]. highly
[BP10, SP+10]. history [DRN14]. hit
[ANO13]. Hoare [SD16b]. hole [ANO13].
Holistic [MAHK16]. Hop
[WBH18, D'H12]. Hopjs [SP16].
Horstmann [Gve13]. hosted [CBLFD12].
hot [LMK16]. HotSpot [Sch13, BOF17].
HotWave [ABMV12, VBAM10b]. HPC
[QJ+16]. HTM [CHM16]. HTML
[STa10]. HTML5 [HLO15, NKR16, ANO15].
Hunting [GCC18]. HVM [LTK17].
Hybrid [CHM16, QJ+16, JMO14, KCD12, VDV17, ZMNY14, ZZM+16, ASME18, ADI13, HyG12, PdMG12, STA18, SWB+15].
Hybris [VDV17]. hygienic [DFHF15].
hypervisor [GMC+13]. i-Jacob [LYM+18]. IaaS [ZLHD15].
Identification
Identifying [IN12, SVB+17]. if
[Han15, STA18]. If-transpiler [STA18].
Informating [BK4]. Image
[WN10]. immutability
[HMDE12, ZPL+10]. immutable
[SV15b]. impact [CMS+12, Gra15, HWLM11, MPR12, WKK17].
imperative [RFRS14]. implement
[HD17]. Implementation
[CSS+16, GPT12, HM12, NBB18, OA17, Por18, VGRS16, YP10]. implementations
[CSS+16, OJ12, PS10a]. Implementing
[FFF17, GM12, WCB16, EKE+13, FBH17, PMP+16]. implications
[BRGG12]. implicit
[ITD16, SPK10]. imply
[BRGG12]. Improve
[OTR+18, QSA+16]. Improved
[KRR+14, UIY10, OJ12, XHH12]. Improvement
[RC17]. Improving
[ACS+14, HWH+12, TWSC10, WWH+18, eBH11, UTF13]. in-depth
[Rau14].
in-place
[DVL13]. including
[Den18].
Incremental
[LHR19, DS16, ELW15, UIY10].
dependent
(IF16, VS11). industrial
[CRJ+10]. inefficiently
[XR10]. inefficiently-used
[XR10]. inference
[BO13, YHY13, AGGZ10, CGJ+16, HyG12, HMDE12, RKNH18, Zha12]. Inferring
[PTRV18, AS14, BENS12]. InfiniBand
[ELTM12, IRJ+12]. infinite
[ASdMG14].
Inflow
[ZM+16]. influence
[MHR+12].
Informa
[HA13]. Information
[AF17, HBS16, KHL+13, RKN+18, SS12, AF12, ABFM12, BVGVEA11b, CMS+12, PMTP12, RRB17, ZYY+19].
Information-flow
[HBS16]. Infrastructure
[Den18, NG12, WCST19].
Inheritance
[LN15, WT11, AST+16, GBS13, NCS10].
Initial
[LTD+12]. initialization
[AMT17, MME14]. Initiation
[FRG12].
Injecting [ZZK13]. Injection [SBE+19].
in-line [DJP10]. Inlining
[BAl2, STA18, HWMI3]. input [Pha18].
insure [YW13]. Insight [VFI10].
instanceof [SMS+12]. Instant [MBHO13].
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 [Pau14]. Intensive
[LYM+18, NWB+18, SAdB+16]. inter
[CMIM17]. inter-language [CMIM].
Interacting [SK13]. Interaction [WT11].
interactive [AMW15, JH11, MCI+10].
intersection [VM10]. interdependencies
[LBF12]. Interface [Liu14, MvDL12,
SLS+12, AYZI10, MT14, LT14, LT14].
Interfaces [WT11, Cho14, DLM10,
LW1+10, PSNS14, WT10]. interference
[YDF1]. International
[Hol12, KP15, Fox17a]. Internetware
[LYM+18]. Internetware-Oriented
[LYM+18]. Interoperability
[GSS+18, GSS+16]. Interpretation
[BDT10, DLR16, DLM10, DLR14, NSD17].
Interpretation-Based [DLR16].
interpreter [D’H12, KMMV14].
interpreters
[HWW+15, IvdS16, MD15, ZLB14].
Interprocedural
[CPV15, FWDL15, ZMN+14]. Interrupting
[AST12]. intersection [KT15]. intra
[BJBK12]. intra-node [BJBK12].
Introducing [CJ19, Dan17, DMS11].
Introduction
[CIAD13, CSZ17, HTLC10, HTW14, Lew13,
RHT13, VK12, Hav11, VF10].
Introductory [BNP11]. intrusively
[MZC+10a]. Invasive [ADJG19].
Investigation [SS13, FH16, Tai13]. invited
[Piz17, Sie17]. invocation
[SPAK10, SS19, BVGVEAFG11].
invocations [BVGV14a]. invokedynamic
[OCFL14]. Involvement [ZMM+16]. IP
[TKL+15]. iPhone [Sta10]. IR [LSWM16].
irregular [AC16]. ISAs [HNTL12]. ISBN
Isolation [ZLB+13]. Issue
[CJ19, DVL13, HL13, HTW14, Puf13, VK12,
Fox17a, HTLC10, HGCA11, HRT13].
iterations [DD13]. iterators [ZLB14].
IVE [CRJ+10]. IVPs [KS15].

J [KMLS15]. J2M [LYP15]. J2ME
[GPT12]. J2ME-Enabled [GPT12]. Jaczie
[KS14]. Jacob [LYM+18]. Jalapeno
[AGF+11]. JAMES [DDD17]. JaSTA
[HD17]. JaSTA-2 [HD17]. Java
[Bro12, Den18, Fox17a, Gve13, HWM11,
HTW14, MvH15, Ngo12, Sch13, VK12, AO11,
KvGS+14, PQTGS17, SAdB+16, ABC18,
AsdMGM14, AST12, AFG11, AYZI10,
AadScdR+19, AS14, AAB+10, Alt12, Ame13,
AdCGGH16, AT16, And14, Ano12, Ano13,
ABMV12, AGR12, AGR17, ABCR10, ADI13,
ABFM12, AK13, BK12, BH17, BMK14,
BH12, BDT10, BVGVEA10, BVEGAV10,
BVGVEA11a, BVGVEAFG11, BVGVEA1b,
BVGVEA13, BVGVE14a, BVGVE14b, BS12,
BMDK15, BO11, BO12, BO13, BCR11,
BDGS13, BCD13, BD17, BRGG12, Blvd17,
Bla18, BR12, BH10, BR15, BB12, BNP11,
BL15, BW12, BA12, BZD17, BSOG12,
BMO12, BK16, BA17, BJBK12, CIAD13,
FGB+19, CSZ17, CZ14, CMM17, CWW13,
CV14, CS12, CDTM10, CCFB15, CC15,
CRJ+10, CWGA17, CSF16, CSK17,
CCH11, CJ17, CJ19, CDG17, Cle16]. Java
[CDMR19, CKS18, CSdL16, CCA+12,
CMO+10, CRAJ10, DJP10, DDD17,
DLM10, DLZ+13, DLV13, DR10, DHS15,
DJBI6, DMS11, ECS15, EER1+13, ES14,
EQT10, Esq11, EABGVE14, Eug13, EV13,
ETTD12, ETR1+15, FLZ+18, FRG18+12,
FGR12, Fer13, FFF17, FLL1+13, FHSR12,
Fox17b, FSM11, GMP12, GvRN11,
Knoernschild [Del13]. knot [LBF12]. know [DBJB+16, Gra15, Han15]. Knowledge [KSPK12, UMP10]. known [Han15].
kraken [Ano14].

language-level [WCG14].
Language-Neutral [WBN18].

Johnny JavaScriptCore [Piz17]. KCD12, Mei14, Ano18, Kie13, Teo12, Teo13].

VP16, VB14b, Wal12, WCST19, WXR16, YW13, Zak18, Zak10, dMJ18, BM18, KCD12, Me14, Ano18, Kie13, Teo12, Teo13].


jQuery [AM14, PIR17]. JR [OW16]. JR-like [OW16]. JRE [CZ14]. JS [AHK+15, Por18]. js-emass [Por18].


learnt [GY16]. Legacy
[KH18, SVB+17, CDTM10]. Legally
[Sam12]. length [SMP10]. Less [BNE16].
Lessons [URJ18]. Level
[AC16, MG14, SWU+15, YXS+19, EKUR10,
Hos12, IHWN12, KBL14, LWC17, MG17,
RFBJ14, TTD+11, VWJ10, WCG14].
leveraging [WCST19]. Lexical
[BTR+17, GD12].
Lexicon [TAF+18]. Libraries
[BK12, RDCP12, BvdS17, Cho14, EKR+12,
PMTL14, PLR18, TTD+11]. Library
[CH17, CWGA17, NBB18, OCF11,14,
TAF+18, WN10, dJM18, CMM17, PMP+16,
PQTGS17, Pos19, TFPB14, TGZ17].
License [GD12]. Life [Esq11]. LIFT
[BTR+13]. Light [MvH15]. Light-weight
[MvH15]. Lightweight
[BW12, KBL14, KKK+17, RO12]. like
[BDGS13, BCD13, DJLP10, PMTL14, S10,
VG14, OW16]. Lime [ABCR10]. line
[SV17]. linearizability [LTZ14]. lines
[BTR+13, KATS12]. linguistic [UR15].
Linux [Ric14]. Linux-basierte [Ric14].
Listener [JH11]. little [Han15]. liiveness
[LDL14]. load [PDPM+16]. loaders [SM12].
loading [WGF11]. Local
[NBB18, DDDF17]. localised [SP10].
locality [JH10, OJ12]. localize [ZZK13].
location [NCS10]. Locators [SM12].
Lock [CF11, NM10, NFV15, UMP10].
Lock-free [CF11, NFV15]. Locking
[GGRSY17, JTO12, GGRSY14, GGRSY15,
YKA+19]. locks [SP17]. Logging
[CJ19, CJ17]. Logic
[ZLN18, GSM12, Pha18, SD16]. loop
[DD13, HW+12, PLR18]. Loops
[RD15, LLL13]. loss [WHIN11]. Low
[ETR+15, GM12, SWU+15, WCG14,
ZHC15, ZFK+16, BCR13, XMA+10].
Low-Budget [GM12]. Low-latency
[ETR+15]. Low-level [WCG14].
Low-overhead [ZHC15, ZFK+16].
low-utility [XMA+10]. lunch [DTLM14].
m [MZC10b]. m-JGRIM [MZC10b]. M2M
[Pau14]. Machine [JOCO19, LYBB14,
Ame13, CBLFD12, KS13, KC12, McM11,
Pz17, SSMD10, WGF11, WHV+13,
BZD17, Cle16, LYBB13a, LYBB13b, LTK17,
PTHH14, RRB19, SSB+14a, Sch13, Set13,
SMSS11, SVG12, SSB01, SSB14b, UR15].
Machine-Learning [JOCO19]. Machines
[AGR12, GTS+15, JK13, KCH14, NK10].
macros [DFH15]. Magic [SP10].
Magic-sets [SP10]. Magnitude [BNE16].
major [Ano12]. Making
[Loc13, Sta10, PS11]. malformed [SHU16].
Malicious [KCD12]. malleable [MZC10a].
malware [CSK17]. Managed
[MAHK16, NFN+18, NBW+18, BM14,
CBGM12, G10+10, ZlvdS17].
Managed-Language [MAHK16].
Management [OTR+18, Pau14, YPMM12,
AHK+15, BVGV14a, BGS+13, EKUR10,
HB13, KCP+17, KB17, MLM17, N12b,
PCL14, SBW+15, Tar11, WGW+11].
manipulating [YRR19, YS10].
Manipulation [MS14]. manual
[KCP+17, KPP+18]. many [GTSS11, SV18].
Map [BBB+17]. mapped [SV15].
Mapping [LTD+12, UR15]. MapReduce
[LZYP16, RFRS14, SKBL11]. maps
[NFV15, SV18]. mashup [ETR12]. Masses
[BMSV18, IvdS16]. Massive [BMSV18].
Massively [NBB18]. mastering [Sub11].
Math.Js [dJM18]. Mathematical [BW12].
Mathematics [dJM18]. MATLAB
[A12, FBH17, PMTL14, VF10, Has12].
MATLAB-like [PMTL14]. matrix
[DD13, TGZ17]. matters [DJB16]. Maxine
[WHV+13]. MCAPL [Den18]. me
[LW18, CMM+10, GM12, XHH12].
ME-Based [GM12]. mean [Rub14]. Means
[SS19]. Measurement [YPMM12, YW13].
Measurement-Based [YPMM12].
Measuring [DW10, DTLM14, Gra15, JH11].
mechanical [ZZK13]. mechanised
[BCF+14]. Mechanising [Loc18]. Media
...
multi-level [IHWN12]. multi-maps [SV18].
multi-processor [Puf13]. multi-stage
[WRI+10]. Multi-threaded
[JTO12, DSEE13, SE12, Taf13].
multi-threats [BGS+13], multi-version
[FC11]. Multicore [ASV+16, CCH11,
MKG+17, SE12, SSMDG10, TXW+10].
multilevel [JK13], multiphase [GvR+11].
Multiplatform [ZKB+16]. Multiple
[AF12, ASF17, HLSK13, CSV15, DD13].
multiplexing [BVGVEA11].
Multiprocessing [VGS14].
multiprocessor [PS10b, PWA13, SPS17].
Multiprocessors [KW11, RS12].
Multithreaded [KKW14, Loc18, SR14a,
BNS12, DJLP10, Fer13]. Multithreading
[CCH11]. mutivariate [AÖ11]. multiway
[YKA+19]. Mungo [KDGP18].
MuscalietJS [RCR+14]. Mutagenic
[YCYC12], mutants [FRC+17]. Mutation
[MMP15, KPP+18]. mutators [AHK+11].
MySQL [Ano15].

Names [SRTR17]. Naming [STST12].
Native [JQJ+16, LT11, LT14, KFBK+15, STS+13].
Natural [LL15], naturalness [HGB+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 [HNTL12].
Neutral [WBHN18]. Next
[YWW+18, CRJ+10, CMM+10].
Next-Generation [YWW+18]. NG2C
[BOF17]. NGS [YWY+18]. NGS-FC
[YWW+18]. Nicolai [Bla18]. Nixon
[Ano15]. No [BVGVEA10]. No-Heap
[BVGVEA10]. NoCs [PWA13]. Node
[HC11, BJBK12]. Node.js
[BSMB16, MTL15, Ano14]. nodes [DRN14].
Nominal [BO13]. Non [BVGVEA11b,
BSOG12, GZ+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-functional [BVGVEA11b].
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
[ADG+19]. NoSQL [DFR13]. Notation
[Ses12a]. Novel [NK10, MZC10b].
November [Hol12]. Novice [BA17].
Novices [RT14]. null [AT16].
NullPointerExceptions [BSOG12].
NUMA [GTS+15]. NumaGiC [GTS+15].
number [PPMH15, SLF14]. Numbers
[Jaf13, AJL16, Wall12]. Numerical
[KS15, KFBK+15, PQTG17]. NXT
[SWF12].

Obfuscated [KCD12]. obfuscation
[CCFB15]. obfuscations [CK17]. Object
[CSGT17, GS11, KB11, L212, N WB+15,
PThH14, PILCH11, RC17, Ses12a, SW12,
AST+16, BZD17, DDF17, FMBH15,
IvdS16, KRR19, MME14, MHBO13, RDF15,
UJR14, VM10, WM10, ZcdS0vdS15, Zha12,
ZDS14, hEYJD12]. Object-Bounded
[NWB+15]. object-constraint [FMBH15].
object-manipulating [KRR19].
Object-Oriented [GS11, KB11, RC17,
PThH14, AST+16, DDF17, MHBO13,
VM10, ZDS14, hEYJD12]. Objective
[Sta10]. Objective-C [Sta10]. Objects
[BS12, RKN+18, MHL15, SK13, SABB19,
WXR16, B VGVEA10]. 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]. one [SV18].
ACS\textsuperscript{+\textdagger}, AAB\textsuperscript{+\textdagger}, BRGG12, BRWA14, CBGM12, Del11, GSS\textsuperscript{+\textdagger}, HWI\textsuperscript{+\textdagger}, IRJ\textsuperscript{+\textdagger}, JH11, Ngo12, ODL15, PSNS14, SE12, SEPV19, TTD\textsuperscript{+\textdagger}, TWX\textsuperscript{+\textdagger}, WFF18, WHIN11, WWH\textsuperscript{+\textdagger}, Zak10.

permission [HBT12, SNS\textsuperscript{+\textdagger}]. permits [PPS16]. Persistence [LZ12]. Perspective [YHY13]. Pert [LZ12]. pervasive [MHM10]. pgs [Ano18]. PHALANX [VYY10]. phase [KC12]. phase-ordering [KC12]. phoneME [RDCP12]. Phosphor [BK14]. PHP [Ano15, Ott18, TTS\textsuperscript{+\textdagger}]. Phynx [EKUR10]. Physics [Zak18, JEC\textsuperscript{+\textdagger}]. pickler [MHBO13]. pickles [MHBO13]. pipeline [LPA13]. pipelines [CRP\textsuperscript{+\textdagger}]. Pivot [AD16, MRF18]. PL/SQL [FGB\textsuperscript{+\textdagger}]. place [DVL13]. Plan [DLZ\textsuperscript{+\textdagger}]. Platform [AFGG11, PE11, WBHN18, BD17, CRJ\textsuperscript{+\textdagger}, CMM\textsuperscript{+\textdagger}, GD10, GMC\textsuperscript{+\textdagger}, MKZ\textsuperscript{+\textdagger}, PWA13, YP10].

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

PLDI [FLL\textsuperscript{+\textdagger}]. pluggable [MME\textsuperscript{+\textdagger}]. Point [Jaf13, AJL16]. Pointer [LHR19, TL17]. Pointers [RKN\textsuperscript{+\textdagger}, AT16]. Points [BK12, SDC\textsuperscript{+\textdagger}, BSAL18, DHS15, SBK13, TLX17]. Points-To [SDC\textsuperscript{+\textdagger}, BSAL18, DHS15, SBK13, TLX17]. Policies [FHSR12, MPS12, BVGV14a]. policing [DW10]. Policy [YPMM12, JK13].


Popular [Has12, SRB18]. Popular-but-Seemingly-Dissimilar [Has12]. portable [BM18, LTK17, RGM13]. portal [MCY\textsuperscript{+\textdagger}]. Power [MV16, Pau14, BRGG12, CBGM12, Kie13, THC\textsuperscript{+\textdagger}]. pp. [Bro12]. PQL [RSI12].

Practical [AMT17, JACS10, SLES15, VS10, WBHN18, WWH\textsuperscript{+\textdagger}, FGB\textsuperscript{+\textdagger}, FIF\textsuperscript{+\textdagger}, WT10].

Practice [HGCA11, AS14, EKUR10, LWC17, TRE\textsuperscript{+\textdagger}]. practices [CJ17, YW13]. Pragmatic [Ano18, RO12]. pre [SBK13]. pre-processing [SBK13]. Precise [PIR17, TN19, XR13, BHSB14, CVG\textsuperscript{+\textdagger}, HyG12, PLR18, PG12, RGM13, TLX17, WFF18].

Precise-Yet-Efficient [TN19]. precision [RSB\textsuperscript{+\textdagger}]. Predicate [PL12]. predictable [LTK17].

Predicting [BSA14, RVK15, RVK19, AZLY18]. prediction [ZWZ\textsuperscript{+\textdagger}]. predictive [RGB18]. Presence [AK13]. pressure [DTLM14]. pretenuring [BOF17]. Preventing [MSSK16].


Principles [HGCA11, JEC\textsuperscript{+\textdagger}, VM10].

Printing [AJL16]. Prioritization [LMZP19, MT13]. Prioritized [NGB16]. Priority [ASV\textsuperscript{+\textdagger}, HM12]. Privacy [And14]. Proactive [CL17, BGS\textsuperscript{+\textdagger}].

PROB [YP10]. Probabilistic [RVB16, GY16, ZWZ\textsuperscript{+\textdagger}]. Problem [YHY13, ZW13, J\textsuperscript{+\textdagger}, KC12].

problem-solution [J\textsuperscript{+\textdagger}]. problems [TPG15]. Proceedings [Hol12, KP15]. Process [SK12, AGR17, GT10a]. Processes [BMDK15]. Processing [LLL13, WN10, SBK13, SSG\textsuperscript{+\textdagger}, UJR14, ZDK\textsuperscript{+\textdagger}].

Processor [TKL\textsuperscript{+\textdagger}, Pu13, SPPH10, SMN\textsuperscript{+\textdagger}].

Processors [ASV\textsuperscript{+\textdagger}, MKG\textsuperscript{+\textdagger}]. producers [DAA13]. product [BTR\textsuperscript{+\textdagger}, KATS12, KvRAH14, SV17].

product-based [KvRAH14]. production [RGM13]. professionals [JACS10]. profile [Ott18, VSG17, WKJ17]. profile-guided [Ott18]. profiler [DTLM14]. profilers [MDHS10]. profiling [DD13, JH11, KHR16, NK10, RCB17, SSB\textsuperscript{+\textdagger}, STY\textsuperscript{+\textdagger}, THC\textsuperscript{+\textdagger}, WLL19, XR13, ZBB15]. Program [BGK17, JJC19, KKW14, RVK15, RT14, WGC\textsuperscript{+\textdagger}, ZKB\textsuperscript{+\textdagger}, AZLY18, AO11, DS16, GMS12, HCN14, JKL17, JWM15, KIM10, KMZN16, MKZ\textsuperscript{+\textdagger}, NS13, RKHN18,
RVK19, Sch10a, SPY+16, Tai13, TABS12, UPR+18, WGF11, ZMG+14.

Programmable [OA17, AYZI10].

Programmers [Esq11, RLMM15, Rau14].

Programming [AFGG11, ABMV12, BCR11, Bro12, BA17, DLFT14, HWMI1, HGCA11, Köl10, KSPK12, LM15, McK16, OAC18, PTML11, RSI12, RB15, SS13, Sub11, Alt12, AMWW15, BCvC+13, BMR14, BSMB16, BRWA14, CL17, ECG12, EV13, FMHBH15, Han15, HA13, Hav11, Lew13, MSM+10, MGS19, MvH15, OW16, PTF+15, RVP11, RFBJ14, SNS+14, SGG+17, TB14, UFM15, VWJB10, VBAM10b, Wan11, WRI+10, WBA+11, ZWSS15].

Programs [AGR12, BH17, BR12, BMOG12, GS11, JB12, LTD+12, PSJ18, STST12, SS12, SMD12, SR17, TN19, XMD+17, ZLCW14, AACR18, ASAMGM14, ADCCGH16, BA12, BNS12, DJLP10, ECS15, ES14, EP14, Fei13, HL13, IN12, KRR19, LKP19, LO15, LPA13, MRMV12, MCW19, NG12, OJ12, PL12, RR14, RAS16, RLBV10, SMS+12, SZ11, SJP10, SHU16, Taf13, WSG19, YS10, YSCX17, dCMMN12, hEYJD12].

Progress [WCG+18, Sic17, ZHCB15].

Projects [Ano18, LSBV17].

Promises [MLT17], promising [KHL+17].

Proof [LL15].

Proofs [BMGQ12].

Propagating [Ivd16, PQTG17].

Properties [BO11, RVK15, SS12, AZLY18, FWDL15, RVK19, SD16b, YS10].

Protecting [MPS12].

Protocols [GM12, FGR12].

Prototyping [PWA13].

Pseudo-random [PPMH15, SLF14].

Pseudo-random [PPMH15, SLF14].

Pure [SS16].

Purely [RISI2, NFV15, SV18].

Purely-Declarative [RISI2].

Purely-functional [NFV15].

Purity [NSDD17, HMDE12].

Purpose [AdScdR+19].

Putting [BNP+18].

Python [Ric14].

QoS [YPM12].

Qualitas [TMVB13].

Qualitas.class [TMVB13].

Quality [BNP11, CCFB15, WKJ17].

Quantitative [CPV15, GYB+11, MRA+17, PMTP12].

queries [GK15, MRA+17, SGG+17].

query [FWDL15].

query [- FWDL15].

questions [KM10].

Quicksort [AD16].

R [CH17, KMMV14, NL14, SLS+12, Vit14].

Race [BH10, EP14, RD15, AMT17, EET10, HBB+14, RGB18, WFF18].

race-aware [EET10].

races [FF10, WCG14, XXZ13].

Racket [YK14].

Racy [SRJ15].

Rady [Teo12].

Rails [Teo12].

Range [BS12].

Ranged [FSK12].

Rapid [PWA13].

Rangeing [ASME18].

raw [HH13].

rays [SBF+10].

RC DC [DNB+12].

RDMA [ETR+15, IRJ+12].

RDMA-based [IRJ+12].

RDMA-enabled [ETR+15].

re [NCS10].

re-location [NCS10].

Reachability [NS13].

React [HOSC16].

reaction [SRB18].

reactive [BCvC+13, MvH15].

read [NN10].

read-only [NN10].

Reading [Jaf13].

ready [RHSD15].

Real [BVEAGVA10, BBB+17, Fox17b, HTW14, KW11, Nil12a, Pau14, SLES15, SLE+17, VK12, BCR13, BVGVEA10, BVGVEA11a, BVGVEA11b, BVGVEA13, BVGVE14a, BVGVE14b, CRAJ10, DW10, EABVGV14, Fox17a, GMC+13, HTHLC10, KHM+11, KPHV11, KvGS+14, KW10, KPP+18, KSR14, LTK17, MDS+17, PS10b, PZM+10, PSW11, Puf13, RHT13, SP10a, Sic10, SPS17].

Real-Time [BVEAGVA10, BBB+17, Fox17b, HTW14, KW11, Pau14, SLES15, SLE+17, VK12, Nil12a, BCR13, BVGVEA10, BVGVEA11a, BVGVEA11b, BVGVEA13, BVGVE14a, BVGVE14b, CRAJ10, DW10, EABVGV14, Fox17a, GMC+13, HTL10, KHM+11, KPHV11, KvGS+14, KW10, KPP+18, KSR14, LTK17, MDS+17, PS10b, PZM+10, PSW11, Puf13, RHT13, SP10a, Sic10, SPS17].

Real-Time [BVEAGVA10, BBB+17, Fox17b, HTW14, KW11, Pau14, SLES15, SLE+17, VK12, Nil12a, BCR13, BVGVEA10,
EABVGV14, Fox17a, GMC BVGV14a, BVGV14b, CRAJ10, DW10, EABVGV14, Fox17a, GMC+13, HTLC10, KHM+11, KPHV+14, KW10, KSRP14, LTK17, PS10h, PZM+10, PSW11, Puf13, RHT13, SP10a, Sie10, SPS17.


Reduction [BO12, MSS19, TD15]. redundant [HLO15]. reengineering [FGB+19]. Refactoring [AS14, STST12, VBZ+18, ZHL+12, FMM+11, FM13].


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].


rename [FM13]. Repair [SEK+19, XMD+17, ZLNP18, MDS+17, SHU16]. repeatability [Vit14]. Replacement [WBHN18, BCD13]. Replay [BH12].


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


RMI [SS19]. Road [RXK+17, SWU+15].


Robots [SWF12]. Robust [VM15, VDVL17, MKZ+14, SGV12, VM10].


Runtime [BLH12, CMM+10, GSS+18, MAHK16, MRS10, NWB+15, OCF114, XMA+14, BRGG12, EQT10, GVL+10, GSS+16, LMK16, MS10, OOK+10, PKC+13, RO12, STY+14, TWSC10, VBAM10a, WLL19, YRHL13, dCMMN12]. runtimes
Service [BVEAGVA10, SDM12, CSKB12, EABVGv14, GD10, HWLM11, KF11], service-oriented [EABVGv14]. services [MZR10b]. session [KDPG18, FGR12]. Set [SBK13, Lon10a, Lon10b]. Set-based [SBK13, Lon10a, Lon10b]. sets [SP10b].

settings [Mil13]. setting [BDGS13].


Short [AHK1+11, Cha18, SV15a, Zak12]. Short-term [AHK1+11]. shortcut [MLM19, CSGT17]. Side [Bul18, HC11, OBPM17, D'11, KRH16].


Simple [BO11, BO12, KCP1+17, BVGV14b, MSM1+10]. Simplicity [Dei11]. Simplifying [Mor18, Ano18]. Simulating [LM15].

Simulation [HWLM11, FLZ1+18, KKW11, Rim12, ZXL16]. Simulation-based [HWLM11]. simulations [MCM1+10].


smalltalk [FIF1+15, HKVG14]. smart [BL15, GMP12]. Smartcard [RBL12].

SMARTS [TGZ17]. Smartphones [RT14].

SMARTS [RXK1+17]. snapshots [AST12].

Snippets [SWU1+15]. SNP [YCYC12]. SoC [TKL1+15]. social [GGC18]. Socket [WA19].

Soft [WZK1+19, JACS10]. Software [BSA14, CC15, KH18, LMZP19, PBM1+19, RC17, Wan11, YQTR15, YMHB19, BMSZ17, BTR1+13, CBGM12, CFH1+13, CJ17, CJ19, CDMR19, DVL13, EKUR10, FRGPLF1+12, FC11, GT10a, HBG1+16, JhED11, JK11, LPA13, MHR1+12, NGB16, OIA1+13, PLL1+18, PBB19, RAS16, SV17, XRG13, YRHL13, ZKK13, ZCH15, ZDS14, CKS18]. Solidity [Dan17]. Solution [KS15, EKUR10, J1+12]. Solving [SED14, FMBH15, UPR1+18].


specialization [KRR1+14, SV15a]. specific [CSdL16, EKK1+13, HWW1+15, Kie13].

Specification [GJS1+13, GJS1+14, IF16, KW11, LN15, LYBB13a, LYBB13b, LYBB14, MCW19, TWH12, BVGV1A11a, BCF1+14, KR12, KW10, MRA1+17, YP10, dCCMN12].

specifications [BSAL18, BENS12, PS10a, TVD10, UPR1+18].

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

Speculation [AC16, MGI14, MGI17]. speculative [BB17, YRHL13]. speed [HRS1+17, SBF1+10, UTO13]. SPF's [PSJ18].


SqueakJS [FIF1+15]. SSNTDs [VSG17].

Stability [BSA14, LL15]. stabilizing [hED12]. Stack [WBHN18, KRCH14, Xue12]. stack-based
Tableau [HD17]. Tagged [RKN+18].

Tales [Sew12]. talk [Piz17, Sie17].

Taming [LLL11, SC16].

Target [CLE16].

Taxonomy [SSK13]. Techniques [LMZP19, RD15, EV13, KS13].

Testing [Fox17b, HTW14, VK12, Fox17a, HTLC10, KFFBK+15, NL14, RHT13].

Technology [NED+13]. TeJaS [LPGK14].

Template [MME14, HJS+10]. templates [FOPZ14, AK13]. term [AHK+11].

Terminating [FFF17]. Termination [BMOG12, RDCP12, BSOG12, SMP10].

Test [AGM+17, BB12, BM18, GGZ+15, LMZP19, MSS19, Pha18, Rim12, ST15, MT13, PNSN14, SR14a, SKR17].

Test-driven [BM18]. tested [MII13].

Testing [Ame13, BR12, Hin13, MM12, MPP15, MMP+12, CSS+16, CNS13, KPP+18, Ler10, SABB19, Teo12, TD15].

tests [AO11, NYCS12, SR15].

Textbooks [BNP11]. their [RPD16]. theorem [SSH17].

There [ESq11]. thin [PS16]. thin-air [PS16].

things [McK16]. Think [WR10].

Third [Ano15, FOPZ14, LVG13].

third-party [FOPZ14, LVG10]. THOR [TWX+10]. Thoth [KB17].

Thread [MG14, BKC+13, CRAJ10, MG17, PCL14, PG12, SS10, WLL19, YDFF15].

Thread-Level [MG14, MG17]. threaded [DSEE13, JTO12, SE12, TaF13].

threads [UR15, WLL19]. threat [BGS+13]. threats [BGS+13].

Three [ZMM+16, ViT14].

Tier [WZK+19].

TigerQuoll [BBP13]. Tim [Teo13].

Time [BVEAGVA10, BBB+17, BLH12, DLR16, Fox17b, HTW14, JMB12, Kie10, KW11, PKPM19, Pan14, SLES15, SLE+17, TN19, VK12, BCR13, BM14, BVGV10, BVGV11a, BVGV11b, BVGV13, BVGV14a, BVGV14b, CRAJ10, DW10, EABV14, Fox17a, GMC+13, HTLC10, KH+11, KPH11, KVL+13, KVGS+14, KW10, KRS14, LMK16, LTK17, MG11, Nil12a, PS10b, PZM+10, PSW11, Puf13, RHT13, SP10a, SPPH10, Sie10, SPS17, SH12, TTS+10, WAB+11].

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TIMP [LS+12]. tiny [Xue12]. To-many [SV18]. to-one [SV18].

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Tools [Bro12, CSZ17, CS12, CKS18, ABK+16, KPP+18, VBAM10b].

toolset [KVGS+14].

top [RVP11, SGG+17, ZMY+14].

top-down [ZMNY14].

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topology [DDM11].

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trace-based [BBF+10, HW14M, HW1+12, IHWN12].

Traceability [CSKB12]. tracer [CZ4].

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track [VSG17].

TrackEtching [VSG17].

Tracks [RGM13].

tradeoff [UTO13].

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translations [UTO13]. translator [LZYP16]. Translators [WWG^+18].

Transmission [PE11, BVGVEA11b, BJBK12].

transparent [BBB^+11]. transpiler [STA18].

travel [BM14]. traversals [ODL15]. Treble [YMHB19].

Trees [LYO12, HLO15, KMMV14, YKA^+19].

trees [RBV16]. Trends [CC15, MSS10, SR17]. trie [SV17].

trie-based [SV17]. tries [SV15a, SV15b, SV18].

triggered [EAVBVG14]. triggers [FG19].

TRINI [PDP^+16].

Trusted [TWNH12, BCF^+14].

tuning [AAB^+10, BVGVEAFG11, SKBL11].

Turf [CH17]. Turing [Gri17]. Turn [HOSC16].

Tutorial [JEN12, NIL12b, PBM^+19, TAFL13, ZAK12].

TV [JMO14].

Twitter [Guy14]. Two [HAS12].

Type [BO13, CGJ^+16, KSW^+14, KATS12, LEI17, LOC18, RKN^+18].

SGD15, WT11, ACS^+14, AT16, BS13, CMS^+12, CVG^+17, DLM10, FH16, GBS14, HYG12, KMLS15, KRR^+14, KRH16, KVRAH14, KDPG18, LPGK14, LE16, MHR^+12, SV18, SH12, TLL11, ZHA12, eBH11].

Type-Based [SGD15].

-type-dependent [LE16].

Type-heterogeneous [SV18].

Type-Safe [LOC18, KMLS15].

Typechecking [KDPG18, CL17].

Typed [BO13, KKK^+17, MHL15, CMS^+12, KRCH14, LEI17, RDP16].

Types [BO13, RvB14, SPAK10, BDGS13, CHJ12, DDM11, HH13, MME^+10, YDFF15].

TypeScript [Cho14, FH16, RSF^+15].

Typing [FZ17, RSF^+15, SEC17, SFR^+14, TSD^+12].

typy [OA17].

Ubiquitous [MCY^+10].

UDP [RR14]. ULS [FOPZ14]. ultimate [BL15].

UML [CSF^+16]. unbounded [LSQD14, RGB18].

uncertain [CH19]. Unchangeable [KMC16].

Understanding [ABC18, FRM^+15, MKTD17, NWW^+18, QLSB17, SET13, TABS12, VBMDP16, LWB^+15, NIL12b].

Undocumented [ALT12, MHH^+12].

Unified [LM15]. uniform [AH10, EUG13].

Unifying [HAS12, MKK^+12, MKK^+13]. union [KT15].

unprocessors [KPV11]. Units [LLL13].

universe [DDM11]. Unix [PVB17].

Unobtrusive [MGS19].

Unpicking [LBF12]. Unrestricted [WWS13]. unsafe [MPM^+15].

unsound [AT16]. Updates [YMHB19, PKK^+13]. Upper [SW12].

Upsortable [SSG^+17]. uptrees [HB13].

USA [HOL12, KP15].

usability [FH16, MHR^+12, WA19].

Usage [OAC18, RC17, PTF^+15, QLSB17].

Use [BGK17, Guy14, MPM^+15, AMWW15, MKTD17, PBH13, SCH13].

-usecase [AMWW15].

used [XR10]. useless [FRC^+17].

user [Liu14, MvDL12, RKHN18, SSL^+12, DA13, FMS^+11, PSNS14].

user-defined [FMS^+11].

User-guided [RKHN18].

Using [ASMGM14, BS12, BSA14, BNE16, DLM10, HCN14, KFBK^+15, KH18, MV16, MSSK16, NBB18, Pau14, PQD12, RC17].

SDM12, SME^+17, UMP10, Wan11, WKG17, WGG^+18, XMA^+14, YCYC12, ZAK18, BB17, DDRF17, Del13, FH16, FOPZ14, GBS14, IVD16, KMLS15, KT14, KC12, LVG10, LWW13, LDL14, MT13, PIR17, PLR18, PHA18, RKHN18, RAS16, SAD^+16, SSK13, SSH17,
SHU16, SS19, VGS14, WLL19, WBM+10, WRI+10, XR13, ZLN18, vdMvdMV12.

**UT** [Hol12]. **utility** [CSV15, XMA+10]. **utilization** [BRC13]. **v** [Sam12]. **V8** [MG17]. Validating [HLSK13]. Validation [SSB14b, CS16, HV17, SS19]. Value [BBB+17, DFR13, YSCX17]. value-flow [YSCX17]. variable [CDT10]. variables [NS13]. **VDM** [TJLL18]. Verifiable [FHSR12]. Verification [CHMY19, CKS18, KKW14, KP15, RAS16, SS1, SS2b14, CHMY15, DLM10, HCV17, PSW11, SMN+18, SZ11, SJPS10, SSH17, SSB01, dCMN12].

verification-validation [HCV17]. Verified [HM12, Loc18, LJP+14, WFF18]. **VerifiedFT** [WFF18]. Verifier [BDT10, Rey13]. verifiers [SPY+16].


**Virtual** [BZD17, C16, LBB13a, LBB13b, LBB14, LTK17, PTHH14, PQD12, RRB19, SSb+14a, Sch13, Set13, SMSB11, SVG12, SSb01, SSIb4b, UR15, Ame13, CBFC12, KRC14, McM11, NK10, Piz17, RCB17, SSMGD10, WGF11, WHV+13]. virtualized [HOKO14, MHM10]. virus [RBL12]. Vision [DI18b, HCV17]. Vision-Guided [DI18b]. visitors [DRN14]. Visual [FH16].


web [AMT17, EK10, ETR12, HRS+17, HCN14, KFBS+15, MCC17, MCY+10, RHD15, RCR+14, Ryu16, VB18, WGF+11, DAA13, HLSK13, Kri12, LYM+18, MG14, MvDL12, MMP15, NL14, OwKPM15, RFB14, RPP19, Sch10b, VP16, YW13, Zak18]. web-based [EK10]. web-portal [MCY+10]. WebAssembly [HRS+17].


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