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].
4 + 1 [SRB18]. $T_p$ [LTK17]. $C_p$ [AÖ11]. $K$
[PLL+18, SD16b, SGG+17]. $Z_p$ [AÖ11].
-core [PLL+18]. -safety [SD16b].
/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, LYBB14, SAdB+16, UFM15].
9 [LSBV17]. 938 [Gun14]. 978 [Ano15].
978-1-4493-1103-2 [Bro12].
978-1-4919-4946-7 [Ano15]. 9th [Gve13].
MMP15, NKH16, NWB\textsuperscript{+}15, OwKPM15, SLES15, WBA\textsuperscript{+}11, AMT17, AST\textsuperscript{+}16, AC16, AMWW15, ADI13, ABFM12, DSEE13, BOF17, BBXC13, EABVG14, GMC\textsuperscript{+}13, HLO15, JHL11, MTL15a, MZC10b, PLR14, PKC\textsuperscript{+}13, RHSD15, R\textsuperscript{+}13, RVP11, RW17, Ryu16, Sch10b, SAdB\textsuperscript{+}16, SGV12, SP\textsuperscript{+}10, TWX\textsuperscript{+}10, WHIN11, vdMvdMV12. 

\textbf{applying} [CMM17]. \textbf{Approach} [BDT10, CSF\textsuperscript{+}16, DLPT14, KKW14, STST12, ADI13, CHM13, CSKB12, DHM\textsuperscript{+}12, HLO15, HmM17, J\textsuperscript{+}12, MZC10a, MvH15, PSE11, RVP11, RO12, SNS\textsuperscript{+}14]. \textbf{approachable} [WHV\textsuperscript{+}13]. \textbf{approaches} [GD10, MD15, SS14]. \textbf{approximate} [CNS13]. \textbf{Approximation} [RvB14]. \textbf{Approximations} [SS12]. \textbf{apps} [BM18, CNS13, MMP\textsuperscript{+}12, NgOi12, Sta10]. \textbf{Architectural} [CSGT17, KKK\textsuperscript{+}17].

\textbf{Architecture} [GMPS12, Wan11, AMWW15, Del13, Gon11]. \textbf{Architectures} [KKK\textsuperscript{+}17, RKN\textsuperscript{+}18, ABCR10, Hos12, MS10, ZP14]. \textbf{arena} [TRE\textsuperscript{+}13]. \textbf{arithmetic} [TGZ17]. \textbf{Arm} [DIP18b]. \textbf{Arquillian} [Ame13]. \textbf{array} [SV15b]. \textbf{arrays} [FBH17, SBF\textsuperscript{+}10]. \textbf{arrows} [FZ17]. \textbf{art} [Lew13]. \textbf{ASM} [AGR17].

\textbf{Aspect} [ABMV12, BH10, VBM10b, VBA11]. \textbf{Aspect-Oriented} [ABMV12, BH10, VBM10b, WBA\textsuperscript{+}11]. \textbf{Aspectizing} [TNT12]. \textbf{Aspects} [AC10]. \textbf{aspects} [LVG10]. \textbf{Assertion} [MM12]. \textbf{Assertion-Based} [MM12]. \textbf{Assertional} [LL15]. \textbf{assertions} [VYY10]. \textbf{Assessing} [GTSS11, VBZ\textsuperscript{+}18, JACS10]. \textbf{assessment} [IS18]. \textbf{assignment} [KT15]. \textbf{AST} [DRN14, HWW\textsuperscript{+}15, ZLB14]. \textbf{asymmetric} [CBGM12]. \textbf{asymptotic} [ODL15].

\textbf{Asynchronous} [KW11, SK12, WK12, FZ17, KW10, LML17]. \textbf{atomic} [WAB\textsuperscript{+}11]. \textbf{Atomicity} [GGRSY17, JLP\textsuperscript{+}14, BSBS14, BNS12, GGRSY15, UMP10]. \textbf{atomics} [PPS16]. \textbf{Attack} [BH12]. \textbf{Attacks} [MSSK16, VS11].

\textbf{attribute} [SHU16]. \textbf{attributes} [GD10]. \textbf{augmentation} [DAA13]. \textbf{authentication} [XHH12]. \textbf{authorship} [FMS\textsuperscript{+}11]. \textbf{auto} [SKBL11]. \textbf{auto-tuning} [SKBL11]. \textbf{automata} [TLX17, ZWZ\textsuperscript{+}14]. \textbf{Automated} [BH17, BSOG12, BMOG12, MS14, RGEV11, SDM12, ASDMG14, MRVM12, ZFK\textsuperscript{+}16].

\textbf{Automatic} [GGRSY14, GGRSY15, GGRSY17, IS18, KKW11, MDS\textsuperscript{+}17, MM16, PQD12, SZ11, SD16a, SJPS10, SS16, WM10, XMD\textsuperscript{+}17, ABK\textsuperscript{+}16, FM13, PG12]. \textbf{automatically} [TB14]. \textbf{Autonomic} [DLPT14]. \textbf{Autonomous} [GMPS12]. \textbf{average} [LDL14]. \textbf{avoid} [XR10]. \textbf{Avoiding} [FRC\textsuperscript{+}17, ZBB17]. \textbf{avoids} [PPS16]. \textbf{Aware} [YJKS12, LZ12, BBXC13, CL17, EQT10, SSB\textsuperscript{+}14a, SGV12]. \textbf{awareness} [VGS14]. \textbf{axiomatic} [TVD10].

\textbf{B} [DLZ\textsuperscript{+}13]. \textbf{back} [Car11]. \textbf{Background} [PWSG17]. \textbf{Backstage} [PS11]. \textbf{Bad} [dGRdB\textsuperscript{+}15]. \textbf{baggage} [KF8\textsuperscript{+}12]. \textbf{balances} [FMBH15]. \textbf{balancing} [PDPM\textsuperscript{+}16]. \textbf{Ball} [DD13]. \textbf{barrier} [CHMY15, VB14a]. \textbf{barriers} [HJHH10, WBM\textsuperscript{+}10]. \textbf{Based} [AGFG11, DLR16, GM12, GGG\textsuperscript{+}15, GGC18, LMD\textsuperscript{+}12, MvDL12, MM12, PTML11, PiLCH11, PE11, RBL12, RT14, SGD15, SLS\textsuperscript{+}12, ST15, SWF12, AYZI10, AST\textsuperscript{+}16, ADI13, BFB\textsuperscript{+}10, BBP13, BB17, CDTM10, CSKB12, CJ17, CPST14, CPST15, EKUR10, GT10a, GMC\textsuperscript{+}13, HWM14, HWI\textsuperscript{+}12, HOK104, HWLM11, HWN12, IRJ\textsuperscript{+}12, JEC\textsuperscript{+}12, JMO14, KATS12, KS13, KRCH14, KvRHA14, KS14, Lon10a, Lon10b, MCC17, MB12, MCY\textsuperscript{+}10, PDPM\textsuperscript{+}16, PSE11, SZ11, SBK13, SMP10, SPY\textsuperscript{+}16, SV17, SNS\textsuperscript{+}14, UIY10, VSG17, XHH12, YP10, ZYZ\textsuperscript{+}12]. \textbf{basic} [CZ14]. \textbf{basic-block} [CZ14]. \textbf{basics} [Zak12]. \textbf{basierte} [Ric14]. \textbf{Battery} [ST15]. \textbf{battlefield} [WT10]. \textbf{Bayesian} [BSA14]. \textbf{BeagleBone} [Ric14]. \textbf{before} [TD15]. \textbf{begone} [MRMV12]. \textbf{behavior} [LWB\textsuperscript{+}15, RLBV10, TABS12, WX16].

[WBM+10]. CICS [R+13]. CIL [BBF+10].
circular [Gun14, SZ10]. Circus [ZLCW14].
City [Hol12]. Class
[BS13, CSF+16, NCS10, CSKB12, HC10,
MM10, SC16, SM12, TSD+12]. Classes
[And14, SVB+17, WT11, CZ14, CS12, SZ10,
TSD+12, VBDPM16]. Classifies [SD16a].
classification [SS14]. Classifiers [BSA14].
Classifying [MHM10]. Classless
[WZdSOS17]. clicker [HA13]. Client
[MS14, OBPM17, CH17, KRH16].
Client-Side [OBPM17, KRH16].
Client-State [MS14]. clients [SRB18].
Clojure [ECG12, FH11, VS10]. Clojure
[VGD17, GC18, LZY16, TLMM13].
cloud-based [GGC18]. clustered
[PDP+16]. clustering
[MKK+12, MKK+13]. clusters [TRTD11].
Cocoa [Sta10]. Code [BH17, BNE16, HC11,
MM16, RK15, RLMM15, SRT17].
SVB+17, SV15a, SED14, AGR17, AK13,
CCFB15, DRN14, FH16, FMS+11,
IS18, LGV10, MKK+12, MKK+13, NG13,
OJ12, PMP+16, PSW11, RFRS14, RBV16,
RO12, SSK13, Tai13, UTO13, VSG17,
WK17, WGF11, WBA+11, WAB+11,
WWS13, ZHL+12, ZXL16, ZWS15].
coding [LMS+12]. Coffin [Teo12].
coherent [ZP14]. Cohesion [RC17]. Cold
[BZD17, WGF11]. collected [AGGZ10].
collecting [AHK+1]. Collection
[ASV+16, GM12, QAAS+16, ST15, BP10,
BOF17, KPHP11, KBL14, NGB16, ODL15,
PZM+10, PDP+16, SP10a, SBM14, SIE10,
SJBL10, SKBL11, UIY10, UJR14].
Collections
[GS12, Lon10a, Lon10b, PL12, SV15b, SV17],
collectives [RTET15, TRTD11]. Collector
[BH12, GTS+15, BCR13, BVG14b, Fuh13].
Collectoren [Sch13]. collectors
[GTSS11, Sch13]. coloring [SS10]. Colt
[BKP16, WN10]. CoMA [AGR12].
Combating [NWB+18]. Combination
[BSA14]. Combinatorial [HYH13].
combinators [MHBO13]. Combining
[BDGS13, MG17]. commensal [BRWA14].
Commercial [ZMM+16]. commodity
Communication [JQJ+16, RTE+13, SK12,
BJBK12, ETR+15, TTD+11].
communications
[ETTD12, RTET15, TTD12]. Communities
[ZMM+16]. Compact
[HWM10, HWW11, JLL17]. Comparative
[KB11, KFBK+15, SSL18]. comparing
[MD15]. Comparison [BKP16, AD13,
BJBK12, HHI13, KrRHA14, SMS+12].
Comparisons [GGZ+15]. Compartmental
[WGG+11]. compatibility
[DJB16, OIA+13]. compatible
[ABCR10, Hor12]. Compilation
[DLR16, CGJ+16, CMS+12, DLR14, FSC+13,
IHWN12, JLP+14, JK13, JMO14, KS13,
KHL+13, Lei17, MD15, MG17, ZBB15].
compiled [NED+13, RO12, TMVB13].
Compiler
[JMB12, Loc18, NKh16, NWB+15, BBF+10,
BRWA14, CIAD13, HWM14, IHWN12,
KMLS15, KS14, KC12, LSWM16, MDM17,
Rub14, TTS+10, TWSC10, VB14b, ZYZ+12].
compiler-compiler [KS14].
compiler-runtime [TWSC10]. compilers
[Hos12, LMK16, RSB+14]. Compiling
[Fee16, Hos12]. complementation [BS13].
Complete [BO13, BR15, JC10, Sch14,
Gr17, PS15, RGM13, RRB17].
completeness [KBPS17]. completing
[BS13]. completion [FH16]. Complexity
[SSH17]. Compliance [GD12]. compliant
[MZC10a]. component
[AST+16, CSKB12, GT10a].
component-based [AST+16, GT10a].
components [BMSZ17, FOPZ14, KS14].
Composable [SS10]. Composing
[EABVG14]. Composition
[SK12, AGH+17, AH10, SZ10, VM15].
Comprehension [BGK17].
Comprehensive [STST12, VBMA11, ZKB+16, MKZ+14].

Concurrent-by-default [SNS+14].
Conditional [XMD+17, SS16]. Conference [DDDF17, Hol12, KP15, LMK16, PDPM+16].


Consistency [CSF+16, CS16, DNB+12, FRM+15, ZBB17]. consistent [BCR13]. constrained [KSR14].

constraint [FMBH15, SHU16]. Constraints [SGD15, LSSD14].

constructors [MME14]. constructs [PCL14, PTF+15]. consumers [DAA13].

Consumption [MV16]. container [XR13].

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

Context-sensitive [HWM13]. Contextual [MSSK16]. Continuous [Teo12].

Continuously [DTLM14]. Contracts [YQTR15, HBT12, KT15, KK11].

Control [FGR12, FHSR12, TT11, TNTN12, AdCGGH16, FWDL15, LSWM16, RHN+13, STS+13, TABS12, XHH12]. controlling [BKC+13, YDFF15]. Convention [Hol12].

Conversions [CMM17]. Cooperative [YDFF15, HdM17]. Coordinating [MAHK16]. cooperation [BMSZ17].
copy [FBH17]. copyrightable [Sam12]. Core [Hor11, HC13, RDCP12, RTE+13, MS10, PLL+18, TRTD11, Gve13]. cores [GTSS11, SKBL11]. Cornell [Gve13].

corpus [HCN14, LSBV16, LSBV17, TMVB13]. correct [AdCGGH16, AJL16, DJLP10].
Correctness [LL15, BENS12, Cho14]. Correlation [SDC+12, XHH12].


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

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

Critical [HL13, WK12, WCB16, ZLCW14, AGR17, DTL14, GMC+13, NM10, Nil12b, RS12, SDH+17, CWW13, LWC17].

Cross [MDM17, AMWW15, BKC+13, GSS+16, KMZN16]. cross-cutting [AMWW15].

Cross-language [MDM17, GSS+16]. cross-program [KMZN16]. cross-thread [BKC+13]. Crowdsourcing [BH17].

CrowdSummarizer [BH17].

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

customizations [LVG10]. customized [HB13]. cutting [AMWW15]. Cyclic [BMOG12, RS12].

D

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

DAA [DR10]. Data [Bra14, BMOG12, BA17, GM12, GTS+15, GT10b, NKK16, NBK+15, NBW+18, TAF+18, dMRH12, BK14, BB17, BOF17, BBXC13, BJK12, CDTM10, CRP+10, DFR13, DHM+12, EKUR10, FOPZ14].
KB17, LDL14, MRA+17, NL14, SAdB+16, SSG+14, SGG+17, UMP10, WKJ17, WCG14, XXZ13, XMA+10, Zivd17.

data-centric [DHM+12, FOPZ14].


Datalog [ZMG+14]. dataset [MDS+17].


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December [LSBV17]. Deciding [SGD15]. decision [RBV16]. Declarative [DRN14, RS12, FOPZ14, MME+10].

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Default [BG17, SNS+14]. defects4j [MDS+17]. defined [FMS+11]. Definite [NS12]. Definition [SSB14a, AK13, SSB01].


demand-driven [FWDL15]. DemoMatch [YKSL17]. demonstrations [YKSL17].

Deoptimization [KRCH14]. depend [LCW18]. dependability [GD10].

Dependence [PDDD17, JWMC15].

Dependence-driven [PDDD17]. dependences [BKC+13]. dependencies [ELW15]. Dependent [CHJ12, LE16].

deploying [R+13]. depreciation [SRB18].

depth [Rau14]. Design [AC16, ETTD12, MLGA11, PuF13, RT+E13, SW12, TRTD11, TKL+15, VGRS16, YCCY12, BBXC13, CSIL16, GSD+15, IRJ+12, Lon10a, Lon10b, OA17, SAdB+16, SMSB11, VM10, Xue12].


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

detectors [LWH+10]. Determinacy [AM14]. deterministic [DRFX+12, MvH15].

developer [EV13, Top11, ZKZ13].

Developers [Bro12, BMR14, DJB16, HH13, Wam11]. developing [R+13]. Development [ABK+16, AYZI10, MT13, AGR17, BM18, FRGPL+12, GT10a, PSW11, SKR17, SH12, WBA+11, ZDS14].

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Do [HH13, Han15]. Does [BRGG12, Rub14].

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DSL [KARO12]. DSLs [KARO12]. SC16]. DSU [PVH14]. Dual
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[AGM+17, ABMV12, ASF17, CHMY15,
MvDL12, PTHH14, RDF15, XMA+14,
ZKB+16, AF12, BDB11, BK14, BCD13,
BOF17, CSV15, CPST15, ELW15, GYB+11,
HB13, KRCH14, KRR+14, KT14, LWH+10,
LVG10, MKZ+14, Nil12b, NG12, NED+13,
RLBV10, RCR+14, RRB17, SR14b, SJPS10,
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WBA+11, WAB+11, WWS13, WWH+17,
ZBB15]. *dynamic-memory* [GYB+11].
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**Dynamo** [DBB11].

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[JPl13, CRP+10]. economic [CSV15].
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**Editorial** [Fox17a]. **Editorials**
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[RP16]. **Educator** [BA17]. EE
[Jun12, MCC17]. **Effect** [JK11, CCFB15].

**Effective** [BMR14, PTML11, RD15,
CsdL16, KPP+18, Kie13]. **Effectively**
[UR15]. effects [FH16, HAW13, Lei17].

**Efficient** [DVL13, GPT12, HW11, HB13,
KT14, KW10, OOK+10, RSEF+15, RB14,
SNM+12, TLX17, TD17, AK13, BHSB14,
CRP+10, ETR12, HW10, KKW11,
MRA+17, MSN+10, Sic17, SVG12, SWB+15,
SV15a, TRTD11, UMP10, WVB10, XXZ13].
**Efficiently** [FBH17, BKC+13, FOPZ14].

**Einsatzszenarien** [Sch13]. **Einsteiger**
[Ric14]. **Elektronik** [Ric14].

**Elektronik-Projekte** [Ric14]. **Elephant**
[RG13]. **Elimination**
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**Elliptic** [GPT12]. **Eloquent** [Hav11].
**emass** [Por18]. **Embedded**
[FOX17b, HTH14, JMB12, KAR12, PAU14,
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LMK16, LTK17, OIA+13, RHT13, SC16,
SDH+17, SFR+14, UY10, Xue12, ZYZ+12].

**embedding** [KMS15, SC16]. **Empirical**
[LSBV16, LEBV17, SS13, WXR16, BBK12,
FH16, HHS13, KPP+18, MHR+12, NCS10,
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ergy-aware [CL17]. enforcement [IF16].
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[MGI17, NGu12, OUY+13, Tar11, Ngu12].

**Engineering** [CCA+12, GT10a, VF10].
enGINEERS [Bra14]. engines [KRH16, SSG+14].
**enhanced** [LMK16, WBA+11]. Enhancing
[BDT10, BSGV13, DcSG12, HC10].

**Ensuring** [HD+11]. Enterprise
[An14, AAB+10]. entities [ETR12]. Entry
[KB12]. enumeration [SSH17].

**Environment** [Kö10, PTML11, EKR+12].
environments [EAVBG14, GTL+10,
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[SLES15, SLE+17]. Essential [Ngo12].
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[CSZ17, GBC12, JMB12, OCFL14, TTS+10,
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[KW11, MV16, BBP13, KW10, MTL15, WK12, YP10].
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[MTL15]. **EventBreak** [PSNS14]. ever
[Gr15]. everyone [Hor12]. Evolution
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NCS10, WBA+11, WAB+11, WWS13].
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Exceptionalization [YKM17]. Exceptions [ASF17, AdCGGH16, Hdm17, SMN+12, ZBB17]. Execution [NNTK17, OwKPM15, SWMV17, JLL17, JhED11, LLL13, MMP+12, RCB17, SPPH10]. executions [AsdMGH14, PPS16, STR16]. executives [RS12]. Exemplar [ZW13].
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extensions [MPR12, Zha12]. Extensive [Wan11]. Extracting [CCA+12, KM10].
Extremal [LTD+12]. Eye [RLMM15, Guy14]. Eye-Tracking [RLMM15].
F [GMT14, TTD12]. F-bounded [GMT14].
F-MPJ [TTD12]. FAA [Sch10a].
FACADE [NWB+15]. face [XHH12].
Facebook [Ano13]. Facets [ASF17, AF12]. facilities [BVGVEAFG11]. FAD.js [BB17].
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first-class [SC16, TSD+12]. first-class [SC16, TSD+12]. fix [TPG15]. Fixing [SRTR17, LTZ14]. flexibility [SBF+10].
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Flint [LTZ14]. Floating [Jaf13, AJL16].
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Flow-sensitive [LMK16]. FlumeJava [CRP+10]. fly [UJR14]. folding [CPST14].
Footprint [GS12, WHIN11]. Forecasting [CC15]. foreign [LWH+10]. forge [Ler10].
fragmentation [PZM+10].
fragmentation-tolerant [PZM+10]. fragments [OA17]. frames [SPJS10].
Framework [CCA+12, Den18, FFF17, LM15, PWSG17, RBL12, Ame13, AC16,
DDDF17, ER14, FRGPLF\textsuperscript{+12}, JEC\textsuperscript{+12}, KMLS15, Lon10a, Lon10b, MT13, PKO\textsuperscript{+15}, RR14, STY\textsuperscript{+14}, ZW10, ZDS14.

Frameworks [PPMH15]. Francisco [KP15].
free
[DTLM14, FC11, GI15, HHP\textsuperscript{+14}, NFV15].
free-form [KG15]. free-lunch [DTLM14].
frequency [ZWSS15]. Frequent [RC17].
Friendly [RBL12]. fringe [MB12, MB12].
Full [SRTR17, DRN14]. Full-Word
[SRTR17]. Fully [FSC\textsuperscript{+13}, PG12, ZFK\textsuperscript{+16}].
Functional [Wam11, Am13, BVGVEA11b, NFV15, UFM15, Bro12]. functional-style
[UFM15]. functions [LSBV16, LSBV17].
Fundamentals [HC13, Teo13, Gve13].
Fusing [MS13, ETR12, WM10]. fusion
[KBPS17]. future [SS16]. fuzzer [Guo17].

Game [MT14, Wan11]. Gap
[PV17, ZLH15]. Garbage
[ASV\textsuperscript{+16}, BH12, GTS\textsuperscript{+15}, QSaS\textsuperscript{+16}, Sch13, SKBL11, AGGZ10, BCR13, BP10, BVGVEA14b, BOF17, GTSS11, KPHV11, KBL14, NGB16, PZM\textsuperscript{+10}, PDFM\textsuperscript{+16}, Puf13, SP10a, SMB14, Sie10, SJBL10, UY10, UJR14].
garbage-collection [Sie10]. Gary [Gve13].
GC [NGB16, RGM13]. GEMs [BSMB16].
general [CHMY15, EKUR10]. generalized
[WT10]. generate [CS12]. generated
[BM18]. Generating [HJS\textsuperscript{+10}, RDP16, GDF11, KS14, MHB013, SSK13].
Generation [AGM\textsuperscript{+17}, BH17, CRJ\textsuperscript{+10}, PPMH15, PSNS14, Rim12, RO12, UMP10].
generations [BOF17]. generators [SLF14].
generic
[DDM11, Fer13, HH13, ZPL\textsuperscript{+10}, eBH11].
generics [AS14, Gri17, PBMH13]. Genetic
[YCYC12, MT13]. Genotyping [YCYC12].
GeoGebra [ABK\textsuperscript{+16}], geosciences
[MCY\textsuperscript{+10}]. Geospatial [CH17]. German
[Sch13]. get [Ame13]. Getaway
[SLES15, SLE\textsuperscript{+17}]. Gets [BH12]. getters
[Mil13]. Getting [GMT14]. Giga [DHS15].
Giga-scale [DHS15]. glimpse [SP16].
Glotaran [SLS\textsuperscript{+12}]. go [LWB\textsuperscript{+15}].
Goldilocks [EQT10]. Good [dGRdB\textsuperscript{+15}].
Google [Ngo12, MGH17, Sam12]. GPGPU
[PQTGS17]. GPGPU-accurated
[PQTGS17]. GPU [PKO\textsuperscript{+15}]. GPUs
[His12]. grade [CRJ\textsuperscript{+10}]. Gradual
[RSF\textsuperscript{+15}, SFR\textsuperscript{+14}, TSD\textsuperscript{+12}, Sie17]. grained
[DRN14]. grammars [GN16, SHU16].
granularity [CZ14]. Graph
[dMRH12, BS13]. Graphical [SLS\textsuperscript{+12}].
Graphics [Cec11, LLL13]. graphs
[AdCGGH16, DSEE13, JWMC15, PULO16].
green [BRGG12]. Greenfoot [Kiel0]. grid
[SGV12, WVBj10, MZC10b]. Gridifying
[MZC10b]. grounded [EV13]. Growing
[ER\textsuperscript{+12}]. growth [LDE14]. guarantees
[JWMC15, ZHCB15]. GUI
[CNS13, VGS14, WBA\textsuperscript{+11}].
GUI-awareness [VGS14]. Guide
[Ame13, Ok14, Rau14, Teo13, Top11].
Guided
[CNS13, DIP18b, MMP15, GY16, PSNS14, SSH17]. Guidelines
[GGZ\textsuperscript{+15}, HLSK13].

Handling
[KW11, ECS15, HWM14, KW10, WK12].
Hands [CSZ17, Teo13]. Hands-on
[CSZ17, Teo13]. happened [Han15].
happens [TD15]. happens-before [TD15].
hard [LT17, Puf13]. Hardware
[SKKR11, SPS17, CBGM12, IN12, SE12].
hardwired [OYU\textsuperscript{+13}]. harness [Kie13].
hash [SV15a, SV15b]. hash-array [SV15b].
hashing [GRF11]. HDFS [IRJ\textsuperscript{+12}].
HDL
[OUY\textsuperscript{+13}]. health [EKUR10]. heap
[CSV15, LLD14, TLX17, Tar11, VYY10, YS10, BVGVEA10]. heap-manipulating
[YS10]. Helping [RT14]. Hera [MS10].
Hera-JVM [MS10]. Herm [Kie13].
Heterogeneous [ASV\textsuperscript{+16}, HBB\textsuperscript{+14}, Rub14, AYZ10, ABCR10, DFR13, MS10].
Heterogeneous-race-free [HBB\textsuperscript{+14}].
heuristics [LMK16]. Hidding [RBL12].
hierarchy [BS13]. High [GSS+16, Hol12, IRJ+12, MSM+16, SWU+15, WN10, Zak10, BRWA14, Hos12, Ngo12, RFBJ14, TTD+11, TGZ17, VWJB10, WH+17, TRE+13].

high-dimensional [TGZ17]. high-level [Hos12, RFBJ14, VWJB10].

High-Performance [WN10, GSS+16, BRWA14, Ngo12, TTD+11, WWH+17].

higher [KT15]. higher-order [KT15]. highly [BP10, SP+10]. history [DRN14].


Inference [BO13, YHY13, AGGZ10, CGJ+16, HyG12, HMDE12, Zha12]. inferring [AS14, BENS12]. InfiniBand [ETTD12, IRJ+12]. infinite [ASdMG14].

Inflow [ZMM+16]. influence [MHR+12]. Informa [HA13]. Information [ASF17, HBS16, KHL+13, RNK+18, SS12, AF12, ABFM12, BVGVEA11b, CMS+12, PMTP12, RRB17]. Information-flow [HBS16]. Infrastructure [Den18, NG12].

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

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

Injecting [ZZK13]. inline [DJLP10].


Intelligent [Pan14]. Intensive [NW+18, SAdB+16]. inter [CMM17].


Interface [Liu14, MvDL12, SLS+12, AYZI10, MT14, LT11, LT14]. Interfaces [WT11, Cho14, DLM10, LWH+10, PSNS14, WT10]. interference [YDFF15].

International [Hol12, KP15, Fox17a]. interoperability [GSS+16].

Interpretation [BDT10, DLR16, DLM10, DLR14, NSDD17].
Interpretation-Based [DLR16].
interpreter [D’H12, KMMV14].
interpreters [HWW+15, IvdS16, MD15, ZLBF14].

Interprocedural
[CPV15, FWDL15, ZMNY14]. Interrupting
[AST12]. intersection [KT15]. intra
[BJBK12]. intra-node [BJBK12].

Introducing [Dan17, DMS11].

Introduction
[CIAD13, CSZ17, HTWL14, Lew13, RHT13, VK12, Hav11, VF10].

Introductory [BNP11]. intrusively [MZC10a].

Investigation
[SS13, FH16, Tai13]. invited [Piz17, Sie17].

invocation [SPAK10, BVGV14a]. invokedynamically
[OCFLI14]. Involved [ZMM+16]. IP
[TKL+15]. iPhone [Sta10]. IR [LSWM16].

irregular [AC16]. ISAs [HNTL12].

Isolation
[DD13]. iterators [ZLBF14].

J
[KMLS15]. J2ME [LYZP16]. J2ME
[GPT12]. J2ME-Enabled [GPT12]. Jacie
[KS14]. Jalapeno [AFG+11]. JAMES
[DDDF17]. JaSTA [HD17]. JaSTA-2
[HD17]. Java
[Bro12, Den18, Fox17a, Gve13, HWM11, HTW14, MvH15, Nol12, Sch13, VK12, Ao11, KvgS+14, Pqtg17, SAb+16, ABC18, AsMgM+14, AST12, AfGG11, Ayz10, AS14, AAB+10, Aht12, Am13, ACGGH16, AT16, An14, An12, An13, ABMV12, AGR12, ACR17, ABCT10, ADT13, ABFM12, AK13, BK12, BH17, BM14, BH12, BDT10, BVGV10, BVGVA10, BVGVEA10, BVGV14a, BVGV14b, BS12, BMDK15, BO11, BO12, BO13, BCR11, BDGS13, BCD13, BD17, BRGG12, Bvds17, BR12, BH10, BR15, BB12, BNP11, BW12, BA12, BZD17, SOG12, MOG12, BK16, BA17, BB12, CIAD13, CSZ17, CZ14, CMM17, CWW13, CV14, CS12, CTD10, CCF15, CC15, CRJ+10, CSF+16, CSK17, CCH11, CJ17, CDG+17, CsdL16, CCA+12, CRAJ10, DDL10, DDDF17, DLM10]. Java
[DLZ+13, DVL13, DHL15, DJS15, JB16, DMS11, ECS15, EEK+13, ES14, ETH10, Esq11, EABGV14, Eul13, EV13, ETTD12, ETR+15, FLZ+18, FFRPLF+12, FGR12, Fer13, FFF17, FLL+13, FHSR12, Fox17b, FMS+11, Gvns11, GYB+11, GM12, GB14, GD12, GC12, GS11, GS12, Gou11, GMC+13, GT10b, GJS+13, GJS+14, Gri17, GPT12, GK15, HL13, HD17, HdM17, Has12, HWM10, HWM13, HWM14, HA13, HM12, HTLC10, HKVG14, HH13, HOKO14, HGCA11, Hor11, Hor12, HC13, HC10. HWLM11, HJ12, IHVN12, IN12, IS18, IF16, JC10, JEC+12, JQJ+16, JLL17, Jen12, JX12, JYKS12, JTO12, JH11, J+12, JMB12, JMO14, KHR11, KHM+11, KMS15, KS13, KW10, KW11, KPP+18, KM10, KSR14, KSPK12, KDPG18, KS14, KF11, KB11, LSB16, LSB17, LT+12, LMK16, LSWM16]. Java
[LLL13, LL11, LT14, LYZP16, LYBB13a, LYBB13b, LYBB14, LZ12, Loc13, Loc18, Lon10a, Lon10b, LMS+12, LOG15, LPA13, LWC17, LTK17, LS11, Lyo12, MKZ+14, MS13, MME+10, MLGA11, MDB+17, MCC17, MP+15, MZC+16, MKTD17, MM16, MHH10, MAH12, MB12, MCF+10, MP12, MMK+12, MK+13, MSS10, Mvd15, MT14, MDHS10, NM10, NCM10, NS12, Nil12a, Nil12b, NG13, NNTK17, Oak14, OOK+10, OMK+10, OIA+13, OYU+13, OW16, OJ12, OCFL14, PS11, PLL+18, PM12, PTML11, PMLT14, PTIH14, PL12, PFL11, PBH13, PMP15, PMP+16, PQD12, PVH14, PTF+15, PS10, PDPM+16, PSW11, Puf13,
PKC+13, QLBS17, RD15, RDCP12, RTE+13, RTEET15, RR14, RS12, RHT13, R+13, RBL12, RAS16, RS12, Rey13, Rez12, RVP11, RLMM15, RB15, RV14, SSL18, SSB+14a, SE12, SRB18, SRT17]. JavaScript [STST12, SS12, Sch14, Sch13, Sch10a, SPPH10, SKKR11, SDH+17, Sch10b, SMGD10, SZ10, Set13, SMSB11, SM+12, SM12, SDM12, SWMV17, SW12, SGV12, SKBL11, SD16a, SPS10, SLS+12, SKR17, SS14, SP10b, SMP10, SPP+10, SWB+15, SSB01, SSB14b, ST15, SPS17, SS+14, STS+13, Sve14, SWF12, TRTD11, TTD+11, TTD12, TRE+13, TLL11, TXW+10, TFPB14, TWH12, TNTN12, TGZ17, TKL+15, UR15, UMF15, VSG17, VGRS16, VBDPM16, VBMDP16, VGS14, VBAM10a, VBAM10b, VBMA11, WGF11, Wam11, WZDQS17, WBM+10, WK12, WCB16, WN10, WRI+10, WHV+13, WH11, WBA+11, WAB+11, WWS13, XHH12, XR13, XMD+17, Xue12, YP10, YKM17, YDFF15, ZlvdS17, Zak12, ZP14, ZLCW14, ZHL+12, ZXL16, ZKB+16, ZWS15, ZPL+10, ZDS14, dCMN12, dMHR12, eBH11, hED12, vdMvdMV12, De13].

Java-Based [AFGG11, SLS+12, ST15, SWF12, CJ17, HOKO14, JMO14, KS13, KS14, MB12, MCY+10]. Java-compatible [ABC10].

Java-like [BDGS13, BCD13, DJLP10, SZ10].

Java-to-HDL [OY1+13].

Java-to-JavaScript [LSW16].

Java.utils.Collection.sort [dGRdB+15].

Java/JSP [Sch10b]. JavaBean [MZC10a].

JavaBIP [BMSZ17]. JavaCC [GN16].

JavaCOP [MME+10]. JavaAdaptor [PKC+13].

JavaFX [Top11].

JavaGI [WT10, WT11].

JavaScript [Ano15, Kie13, Ric14, Teo13, CH17, AMT17, ACS+14, AHK+15, AGM+17, AMW15, BCF+14, BBP13, Ccc11, CGJ+16, CVG+17, CBLFD12, Chol14, CHJ12, Dei10, Dei11, DcSG12, DiP18a, DiP18b, DHF15, FMM+11, FMI3, FH16, FBH17, FSC+13, FZ17, FOPZ14, GMS12, Guo17, HyG12, Hav11, HBS16, HLSK13, HHS13, HC11, KR12, KSW+14, KRH16, KT14, Ker15, KFBK+15, Kie10, KBL14, KARO12, Kri12, LSWM16, Ler10, LGV10, LPGK14, Liu14, LML17, MTL15, MTL17, MPS12, MG17, MHL15, MRMV12, Mil13, MM12, MMP15, NKH16, NSDD17, OPBM17, PWS17, PFR14, PSL15, PLR18, PDD17, PKO+15, Por18, Rau14, RLBV10, RGEV11, RHS+13, RW17, Ryu16, SMN+18, Sev12a, Sev12b, SVB+17, SDC+12, Sta10, Ste10, SR17, SFR+14, TAF+18, TT11, VM15, VB14b, Wal12, WX16, YW13].


JDiffraction [PQTGS17].

JKD [SRB18]. JDM [ZP14].


JGRIM [MZC10b]. Jinn [LWH+10]. JIT [BBF+10, BB17, CMS+12, HWM14, IHWN12, JK13, NED+13, RSB+14, WK17, ZY+12]. JIT-based [BB17]. JITs [KRCH14].

jMarkov [CRAT+12]. JML [CRJ+10]. JNI [CDG+17]. join [MZC10a].


js-emass [Por18]. Js_of_ocaml [VB14b].

JSART [MM12]. JSetL [RB15]. JSON [BB17]. JSort [Dei10]. JSP [Sch10b].

JTabWb [FF17]. JTRES [HTW14].


Just [DLR16, KHL+13, LMK16, MGI17, TTS+10].
Just-in-Time
[DLR16, KHL+13, LMK16, MG17, TTS+10].
JVM [AC16, AFG+11, CSS+16, Guy14,
MS10, PVH14, R+13, RRB17, SV15b, Sub11,
WKG17]. JVMs [BK14, ZY+12].

K-Java [BR15]. kernel [HDK+11]. Key
[BBB+17, DFR13, JB12]. key-value
[DFR13]. keynote [McK16]. Kirk [Del13].
KiWi [BBB+17]. KJS [PSR15].
Knoernschild [Del13], knot [LBF12].
known [JSP12, UMP10]. known [Han15].
Kraken [Ano14].

Lake [Hol12]. lambda [MKTD17].
lambdas [UFB15]. landscape [Sve14].
Language [DLP14, GJS+13, GJS+14,
JC10, KSPK12, MAHK16, Sev12b, SS13,
ABC10, CMM17, CSdL16, DAA13,
EKR+12, Fee16, GSS+16, Hos12, HWW+15,
KRCH14, LWH+10, LE16, MDM17, SC16,
SZ10, SKR17, SNS+14, VB14a, WCG14,
WWH+17, ZWSS15, dCMNN12].
language-level [WCG14]. Languages
[CSGT17, MSM+16, PTHH14, YMK17,
AGGZ10, BCD13, CMS+12, EK+13, ER14,
FMBH15, Han15, HBT12, HJS+10,
KRR+14, MSM+10, NED+13, PUL16,
SPY+16, Zha12]. LARD [WCG14].
Large [BA17, AST+16, CCFB15, LSBV16, LSBV17,
MDS+17, MCY+10, PTF+15, WHIN11].
Large-Scale [BA17, MDS+17, MCY+10,
PTF+15, WHIN11]. Larus [DD13].
Latency [MV16, ETR+15, JH11]. lawn
[CH17]. laws [DMS11]. Layer
[SKKR11, Den18]. layered [RCR+14]. lazy
[TD15]. Leading [MSC10]. leak
[SS14, XR13]. Leaks [And14, RW17].
LeakSpot [RW17]. lean [BRGG12, SV15b].
Learn [RT14]. Learning
[Pan14, RT14, CNS13, KC12, Ano15, Teo13].
learnt [GY16]. Legacy [SVB+17, CDTM10].
Legally [Sun12]. length [SMP10]. Less
[BNE16]. Level [AC16, SWU+15, EKUR10,
Hos12, IHWN12, KBL14, LWC17, MG17,
RFBJ14, TTD+11, VVB10, WCG14].
Lexical [GN16]. Lexicon [TAO18].
Libraries [BK12, RDCP12, BLvdS17, Cho14,
EKR+12, PML14, PLR18, TTD+11].
Library [CH17, OCFL14, TAF+18, WN10,
dJM18, CMM17, PMP+16, PQTG17,
TFPB14, TGZ17]. License [GD12]. Life
Light-weight [MVH15]. Lightweight
[BW12, KBL14, KKK+17, RO12]. like
[BDGS13, BCD13, DL1P0, PML14, SZ10,
VGS14, OW16]. Lime [ABCR10]. line
[SV17]. linearizability [LTZ14]. lines
[BTR+13, KATS12]. linguistic [UR15].
Linux [Ric14]. Linux-basierte [Ric14].
Listener [JH11]. little [Han15]. liveness
[LDL14]. load [PDP+16]. loaders [SM12].
loading [WGF11]. local [DD1F17].
localised [SP1b]. locality [JH11, OJ12].
localize [ZKZ13]. location [NCS10].
Locators [SDM12]. Lock
[FC11, NM10, NFW15, UMP10]. Lock-free
[FC11, NFW15]. Locking
[GG1Y17, JTO12, GGR14, GGR15].
locks [PS17]. logging [CJ17]. logic
[GMS12, SD16b]. loop
[DD13, WH+12, PLR18]. Loops
[RD15, LLL13]. loss [WH111]. Low
[ETX+15, GM12, SWU15, WCG14,
ZHCB15, ZFK+16, BCR13, XMA+10].
Low-Budget [GM12]. Low-latency
[ETX+15]. Low-level [WCG14].
Low-overhead [ZHCB15, ZFK+16].
low-utility [XMA+10]. lunch [DDLM14].
m [MZC1b]. m-JGRIM [MZC1b]. M2M
[Pan14]. Machine
[LYBB14, Ame13, CLBD12, KS13, KC12,
Piz17, SSMG10, WGF11, WHV+13,
BZD17, LYBB13a, LYBB13b, LTK17,
PTHH14, SSB+14a, Sch13, Set13, SMB11,
SGV12, SSB14b, UR15]. Machines
[AGR12, GTS+15, JK13, KRCH14, NK10].
macros [DFHF15]. Magic [SP10b].
Magic-sets [SP10b]. Magnitude [BNE16].
major [Ano12]. Making
[Loc13, Sta10, PS11]. malformed [SHU16].
Malicious [KCD12]. malleable [MZC10a].
malware [CSK17]. Managed
[MAHK16, NBW+18, BM14, CBGM12, 
GTL+10, ZIvdS17]. Managed-Language
[MAHK16]. Management
[Pau14, AHK+15, BVS14a, BGS+13, 
EKUR10, HB13, KCP+17, KB17, Nil12b, 
PCL14, SWB+15, Tar11, WGW+11].
manipulating [YS10]. Manipulation
[MS14]. manual [KCP+17, KPP+18]. many
[GTSS11]. Map [BBB+17]. mapped
[SV15b]. Mapping [LTD+12, UR15].
MapReduce [LZYP16, RFRS14, SKBL11].
maps [NFV15]. mashup [ETR12]. Masses
[BSMV18, IvdS16]. Massive [BSMV18].
Mathematical [BW12]. Mathematics
[dJM18]. MATLAB
[Alt12, FBH17, PMTL14, VF10, Has12].
MATLAB-like [PMTL14]. matrix
[HD17, TGZ17]. matters [DJB16]. Maxine
[WHV+13]. MCAPL [Den18]. me
[LCW18, GM12, XHH12]. ME-Based
[GM12]. mean [Rub14]. measurement
[YW13]. Measuring
[DW10, DTL14, Gra15, JH11].
mechanical [ZZK13]. mechanised
[BCF+14]. Mechanising [Loc18]. Media
[Bro12]. meets [KHL+13]. Memento
[CPST15]. memoization [TPG15].
Memory
[BG17, JYS12, MSM+16, NBW+18, SS14, 
ST15, AHK+11, AHK+15, AGGZ10, 
BSMB16, CWW13, DLZ+13, DVL13, FC11, 
FF10, GYB+11, HHB+14, HB13, KHL+17, 
KCP+17, KB17, Loc13, MSM+10, Nil12b, 
OMK+10, RW17, SMS+12, SMN+12, 
SWB+15, SV15a, Tar11, TVD10, WGW+11, 
XR13, ZP14, ZHCB15, ZBB17]. MemSAT
[TVD10]. merge [ABC18]. Mergesort
[LI15]. merging [TLX17]. Message
[KF11, ETTD12, TRTD11, TTD12, UR15].
message-passing
[ETTD12, TRTD11, TTD12, UR15].
messages [eBH11]. meta [MD15, SZ10].
meta-circular [SZ10]. meta-compilation
[MD15]. metadata [SV15b]. MetaFjig
[SV15b]. metaheuristics [DDF17].
metaprogramming [PS11]. Method
[AC16, BVS14a, GD12, AST12, 
AJL16, HMDE12, SS16, VBMP16].
Method-Level [AC16]. Methods
[MM16, Pau14, VBZ+18, Bra14, GRF11, 
LSBV16, LSBV17, SSL18]. Metrics
[KB11, JK11, SSK13, Sch13]. Metriken
[Sch13]. Microscopic [RXK+17].
Microsoft [Ano13]. Middleware
[RT+13, HOKO14, HWLM11, MZC10b].
middleweight [IF16, MT14]. midstream
[SSG+14]. Migrating [AST+16, CDTM10].
Migration [OwKPM15, Fee16]. migrations
[TPF14]. Miniboxing [UTO13]. minimal
[CNS13]. mining [DRN14]. Mint [WR+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, MV16, XHH12, GGC18, 
KF11, MZC10b]. Model [CSF+16, CDG+17, 
CCA+12, DLR16, FSK12, JYKS12, Loc18, 
MSM+16, MCC17, MV16, BVGVEA11a, 
CHM13, CWW13, CV14, CS12, CSKB12, 
DLZ+13, FLZ+18, GY16, HAW13, Loc13, 
LSSD14, MLT17, MSM+10, PSW11, RR14, 
RBV16, RAS16, RDF15, SMN+12, SSG+14, 
Tai13, VVJB10, ZP14, ZXL16].
Model-Aware [JYS12]. Model-based
[MCC17, PSW11]. model-driven [CHM13].
Modeling
[GBC12, JC10, KSPK12, LDL14, Rey13, 
SM12, CRAT+12, SRK17, TLX17, ZIvdS17].
Modelling [CSZ17]. Models
TRE\textsuperscript{+}13, TPG15, THC\textsuperscript{+}14, WN10, ACS\textsuperscript{+}14, AAB\textsuperscript{+}10, BRG\textit{g}12, BRWA14, CBGM12, Dei11, GSS\textsuperscript{+}16, HW\textit{i}\textsuperscript{+}12, IR\textit{j}\textsuperscript{+}12, JH11, Ngo12, ODL15, PSNS14, SE12, TTD\textsuperscript{+}11, TW\textit{x}\textsuperscript{+}10, WHIN11, WWH\textsuperscript{+}17, Zak10.

performance-guided [PSNS14],

permits [PPS16], Persistence [LZ12], Perspective [YHY13], Pert [LZ12], pervasive [MHM10].

PHALANX [VYY10], phase [KC12],

phase-ordering [KC12], phoneME [RDCP12], Phosphor [BK14], PHP [Ano15, TTS\textsuperscript{+}10], Phynx [EKUR10],

Physics [Zak18], JEC\textsuperscript{+}12, pickler
[MHBO13], pickles [MHBO13], pipeline [LPA13], pipelines [CRP\textsuperscript{+}10], Pivot [AD16], place [DVL13], Plan [DLZ\textsuperscript{*}13],

Platform [AFG11, PE11, BD17, CRJ\textsuperscript{+}10, GD10, GMC\textsuperscript{+}13, MKZ\textsuperscript{+}14, PWA13, YP10],

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

PLDI [FLL\textsuperscript{+}13], pluggable [MME\textsuperscript{+}10],

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

Pointers [BK12, SDC\textsuperscript{+}12, DHS15, SBK13, TLX17],

Points-To [SDC\textsuperscript{+}12, DHS15, SBK13, TLX17], Policies [FHSR12, MPS12, BVG\textit{V}14a], policing [DW10], policy [JK13], polyglot [EV13],

Polymorphic [Zha12], polymorphism [GMT14, PULO16, UTO13], POPL [BR13],

Popular [Has12, SRB18], Popular-but-Seemingly-Dissimilar [Has12], portable [BM18, LTK17, RGM13],

portal [MCY\textsuperscript{*}10], Power [MV16, Pau14, BRG12, CBGM12, Kie13, THC\textsuperscript{+}14], pp. [Bro12], PQL [RSI12], Practical [AMT17, JACS10, SLES15, VS10, WWH\textsuperscript{+}17, FIF\textsuperscript{+}15, WT10],

Practice [HG\textit{C}11, AS14, EKUR10, LWC17, TRE\textsuperscript{+}11], practices [CJ17, YW13], pragmatic [RO12], pre [SBK13],

pre-processing [SBK13], Precise [PIR17, XR13, BHSB14, CVG\textsuperscript{+}17, HyG12, PLR18, PG12, RGM13, TLX17],

precision [RSB\textsuperscript{+}14], Predicate [PL12], predictable [LTK17],

Predicting [BSA14, RVK15], prediction [ZWZ\textsuperscript{+}14], presence [ZBB15],

preserving [AK13], pressure [DTLM14], pretenuring [BOF17], Preventing [MSS16], prevention [VS11], Primer [YCY12],

primitives [BJBK12], Principles [HGCA11], JEC\textsuperscript{+}12, VM10],

Printing [AJL16], prioritization [MT13],

Prioritized [NGB16], Priority [ASV\textsuperscript{+}16, HM12], Privacy [Aud14],

Proactive [CL17, BGS\textsuperscript{+}13], PROB [YP10],

Probabilistic [RVB16, GY16, ZWZ\textsuperscript{+}14],

Problem [YHY13, ZW13, J\textsuperscript{*}12, KC12], problem-solution [J\textsuperscript{*}12], problems [TPG15],

Proceedings [Hol12, KP15],

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

Processing [LLL13, WN10, SBK13, SSG\textsuperscript{+}14, UJR14],

Processor [TKL\textsuperscript{+}15, Pu\textit{f}13, SPP10, SMN\textsuperscript{+}12],

Processors [ASV\textsuperscript{+}16, MKG\textsuperscript{+}17],

producers [DAA13], product [BTR\textsuperscript{+}13, KATS12, KvrHA14, SV17],

product-based [KvrHA14], production [RGM13], professionals [JACS10], profile [VSG17, WKJ17], profiler [DTLM14],

profilers [MDHS10], profiling [DD13, JH11, KRH16, NK10, RCB17, SSB\textsuperscript{+}14a, STY\textsuperscript{+}14, THC\textsuperscript{+}14, XR13, ZBB15],

Program [BGK17, KKW14, RSV15, RT14, ZKB\textsuperscript{+}16, AO11, DS16, GMS12, HCN14, JJL17, JWM\textit{C}15, KM10, KMZN16, MKZ\textsuperscript{+}14, NS13, Sch\textit{lo}1a, SPY\textsuperscript{+}16, Tai13, TABS12, WGF11, ZMG\textsuperscript{+}14],

Programmable [OA17, AYZI10],

Programmers [Esq11, RLMM15, Rau14],

Programming [AFGG11, ABMV12, BCR11, Bro12, BA17, DLPT14, HWM11, HGCA11, K\textit{ol}10, KSPK12, LM15, McK16, PTL11, RSI12, RB15, SS13, Sub11, Al\textit{t}12, AMW\textit{W}15, BCcV\textsuperscript{+}13, BMR14, BSMB16, BRWA14, CL17, ECG12, EV13, FMBH15, Han15, HA13, Hav11, Lew13, MSM\textsuperscript{+}10,}
MvH15, OW16, PTF+15, RVP11, RFBJ14, SNS+14, SGG+17, TB14, UFM15, VWJB10, VBAM10b, Wan11, WRI+10, WBA+11, ZWSS15. Programs
AGR12, BH17, BR12, BMQG12, GS11, JB12, LTD+12, STST12, SS12, SDM12, SR17, XMD+17, ZLCW14, ASdMG14, AdCGGH16, BA12, BNS12, DJLP10, ECS15, ES14, EP14, Fer13, HL13, IN12, LO15, LPA13, MRMV12, NG12, OJ12, PL12, RR14, RAS16, RLV10, SMS+12, SZ11, SJPS10, SHU16, Taf13, YS10, dCMMN12, hEYJD12.

Programs
AGR12, BH17, BR12, BMQG12, GS11, JB12, LTD+12, STST12, SS12, SDM12, SR17, XMD+17, ZLCW14, ASdMG14, AdCGGH16, BA12, BNS12, DJLP10, ECS15, ES14, EP14, Fer13, HL13, IN12, LO15, LPA13, MRMV12, NG12, OJ12, PL12, RR14, RAS16, RLV10, SMS+12, SZ11, SJPS10, SHU16, Taf13, YS10, dCMMN12, hEYJD12.

Projects
ZMM+16, ABC18, CJ17. Projekte
Ric14.

Prolog
CMM17, Tar11. promises
MLT17. promising
KHL+17. Proof
LL15.

Proofs
BMQG12. propagation
IVdS16, PQTG17. Properties
BO11, RVK15, SS12, FWDL15, SD16b, YS10.

Protecting
MPS12. Protein
YHY13.

Protocols
GM12, FGR12. protocols
KDPG18.

Providing
[OW16]. proving
AGH+17, Taf13. Proxies
VM10, Eug13, KT14. PSE
KS15.

Pseudorandom
PPMG15, SLF14.

Published
[LSBV17], pure
SS16. Purely
RS12, NFV15. Purely-Declarative
RSI2. purely-functional
NFV15.

Purity
NSDD17, HMDE12. Python
Ric14.

qualitas
TMVB13. Qualitas.class
TMVB13. Quality
BNP11, CCFB15, WJK17. Quantitative
CPV15, GYB+11, MRA+17, PMTP12.

Queries
[GGK15, MRA+17, SGG+17]. query
FWDL15.

QuickSort
KM10. QuickSort
AD16.

R
[CH17, KMMV14, NL14, SLS+12, Vit14]. Race
BH10, EP14, RD15, AMT17, EBT10, HBB+14. race-aware
EQT10. races
FF10, WCG14, XZ13. Racket
[YS10]. Ryan
[SJ15]. Rady
[Teo12]. Rails
[Teo12].

Range
[BS12]. Ranged
[FSK12]. rapid
PWA13. raw
[HH13]. rays
[SBF+10]. RCDC
DNB+12. RDMA
ETR+15, IRJ+12. RDMA-based
IRJ+12. RDMA-enabled
ETR+15. re
[NCS10]. re-location
[NCS10]. Reachability
SN13. reaction
[SR18]. reactive
BCV+13, MvH15. read
[NM10]. read-only
[NM10]. Reading
Jaf13. ready
[HS15]. Real
BVEAGVA10, BBB+17, Fox17b, HTW14, KW11, Nil12a, Pau14, SLES15, SLE+17, VK12, BCR13, BVGVEA10, BVGVEA11a, BVGVEA11b, BVGVEA13, BVG14a, BVG14b, CRAJ10, DW10, EABG14V, Fox17a, GCM+13, HTLC10, KHM+11, KPHV11, KvGS+14, KW10, KPP+18, KSR14, LTK17, MDS+17, PS10, PZM+10, PWS11, Pfuf13, RHT13, SP10a, Sic10, SPS17.

Real-Time
BVEAGVA10, BBB+17, Fox17b, HTW14, KW11, Nil12a, Pau14, SLES15, SLE+17, VK12, BCR13, BVGVEA10, BVGVEA11a, BVGVEA11b, BVGVEA13, BVG14a, BVG14b, CRAJ10, DW10, EABG14V, Fox17a, GCM+13, HTLC10, KHM+11, KPHV11, KvGS+14, KW10, KPP+18, KSR14, LTK17, MDS+17, PS10, PZM+10, PWS11, Pfuf13, RHT13, SP10a, Sic10, SPS17. realtime
OUY13.

Reasoning
LN15, ABK+16, MLT17.

Recaf
BIvdS17.

Recompilation
[NN+13]. Reconfigurable
[OUY+13]. STY+14, OIA+13.

Reconstruction
LSWM16. Recovering
CRAJ10. Reducing
MV16, WHIN11.

Reduction
BO12, TD15. redundant
HLO15.

Refactoring
AS14, STST12, VBZ+18, ZHL+12, FMM+11, FM13.

Reference
Sch14, UJR14, HMDE12.

Refinements
[GS+16]. KSW+14, ZMG+14, ZKF+16. Reflexes
PWP+10.
regions [AC10]. register [ZY+12].
register-based [ZY+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
[Ano14]. reliability [HWM11]. relying
[IN12]. Remodularizing [OJ12]. Remote
[BVGV10, BVGV14a, BJK12, GSD+15,
BVGVEAFG11]. removal
[MRMV12, WGF11]. removing [PLR14].
rename [FM13]. Repair
[XMD+17, MDS+17, SHU16]. repeatability
[Vit14]. replacement [BCD13]. Replay
[BH12]. Replaying [WKG17]. replication
[CJ17, UIY10]. replication-based [UIY10].
report [CBLFD12, Sch10a]. Reports
[OW16]. repository [HC10].
reproducibility [Vit14]. reproduction
[SR14b]. requirements [AGGZ10].
ResAna [KvGS+14]. Research
[SR17, TRE+13, CRJ+10, CBLFD12,
EKUR10, Rub14, VBMDP16, Vit14].
Resource [BVGV14a, ADI13, ES14,
KvGS+14, KSR14, SGRV12].
resource-aware [SGV12]. resource-based
[ADI13]. responsive [SPF+14].
responsiveness [PSNS14]. restart [CNS13].
Restructuring [RC17]. Retention
[ZMM+16]. Rethinking [Xue12, RCR+14].
retrofitted [TTS+10]. retrofitting
[LPGK14]. Reusability [Tai13]. reusable
[HC10, MME14]. reuse [WR10]. Reverse
[CCA+12]. Review
[Ano15, Bro12, Del13, Gve13, Kie13, Ngo12,
Teo12, Teo13, EKUR10]. Revisited
[Mei14, Gon11]. rewriting [HLO15]. RFID
[AYZ10]. RFLP [YCY12]. richer [CV14].
rigor [Vit14]. Rigorous [AGR17]. Rise
[DiP18a]. risk [PM+15]. River [HHSS13].
RJ [OW16]. Road [RXK+17, SWU+15].
Robots [SWF12]. Robust
[VM15, VDV17, MKZ+14, SGRV12, VM10].
Rod [Teo12]. row [Lei17]. row-typed
[Lei17]. RTSJ [ZW10]. Rubah [PVH14].
Ruby [Teo12]. rule [QLBS17]. Rules
[CCA+12, HLO15]. run [WAB+11].
run-time [WAB+11]. Running
[HC11, TXW+10, YK14]. runs [FIF+15].
Runtime
[BLH12, MAHK16, MNS10, NBW+15,
OCFL14, XMA+14, BRGG12, EQT10,
GTL+10, GSS+16, LMK16, MS10, OOK+10,
PKC+13, RO12, STY+14, TWS10,
VBAM10a, YRHBL13, dCMNN12].
runtimes
[BM14, CSV15, RCR+14, WWH+17].
S [Gve13]. Safe [Eug13, GrvR+11, JTO12,
Loc18, MPS12, RSF+15, SWB+15, WAB+11,
HJS+10, HAW13, KHR11, KMS15,
KCP+17, Loc13, RDP16, WWS13]. Safety
[RS12, SDH+17, WCB16, ZLCW14, AGR17,
EKUR10, GMC+13, Nii12b, PG12, SD16b,
Taf13, YS10, CWW13, HLL13, LWC17,
WK12]. Safety-Critical [WCB16, ZLCW14,
RS12, SDH+17, AGR17, CWW13, LWC17].
Salespoint [ZDS14]. Salt [Hol12]. SAM
[BO13]. San [KP15]. Sane [MPS12].
sanitizer [VS11]. Satin [VWJB10]. SAW
[CFH+13]. Scaffolding [RT14]. Scala
[SM+12, AT16, Hin13, Lew13, PTML11,
SMB11, SM+12]. Scala-Based
[PTML11]. Scala.js [DS16]. Scalability
[CCH11, AAB+10, DSEE13, GTSS11].
Scalable
[BBB+17, BS12, DFR13, GGRSY17, HC11,
JQ+16, RXK+17, RTE+13, XMA+14,
ETTD12, FC11, GGGRSY15, NFV15, PIR17,
PLR18, RTET15, TTD12]. ScalaLab
[PTML11, PTML14]. scalar [PQTG17].
Scale [BA17, PE11, DSH15, LO15, MDS+17,
MCY+10, PTF+15, WHIN11]. SCML
[DLPT14]. scenarios [AMWW15, Sch13].
Scheduler [QSaS+16, IF16, TWL12]. scheduler-independent [IF16].
Scheduling [ASV+16, BVEAGVA10, KPHV11, EP14, EABVG14, ZW10].
scheme [XHH12]. SCHISM [PZM+10].
Scripting [CSGT17, KKK+17, HBT12, KRR+14, PMTL14, Zha12]. SE [LYBB14].
Seamless [OwKPM15]. Search [SED14, DDDF17]. searching [ETR12].
self-collecting [AHK+11].
self-composition [AGH+17]. self-hosted [CBLFD12], self-optimizing [HW+15, MD15]. Self-stabilizing [hED12].
Semantic [GGRSY17, RVB14, BNS12, GGRSY14, GGRSY15, MKK+12, MKK+13, OA17].
Semantics [BO12, BR15, Kni12, LML17, SPY+16, AK13, FBH17, FZ17, KHL+17, Mill13, MT14, PSR15, PPS16, ZHCB15].
Semantics-based [SPY+16], semantics-preserving [AK13]. Semi [FM13, ABC18, MRMV12].
semi-automated [MRMV12].
separability [WRI+10]. Separating [DDM11, AC10], separation [TWSC10].
sequence [ZWZ+14]. Sequent [FFF17].
sequential [BENS12, DMS11]. serialization [MHBO13]. Seriously [Kie10].
Server [HC11, KRH16, DHI2, Dei11, HWLM11, R+13]. Server-Side [HC11, KRH16, DHI2]. Service [BVEAGVA10, SDM12, CSKB12, EABVG14, GD10, HWLM11, KF11].
service-oriented [EABVG14]. services [MZC10b]. session [KDPG18, FGR12]. Set [SBK13, Lon10a, Lon10b]. Set-based [SBK13, Lon10a, Lon10b]. sets [SP10b].
setters [Mili13], setting [BDGS13].
Simplicity [Dei11]. Simulating [LM15].
Simulation [HWLM11, FLZ+18, KKW11, Rimi12, ZXL16]. Simulation-based [HWLM11]. simulations [MCY+10].
smalltalk [FF15+15, HKVG14]. Smart [GMPS12]. Smartcard [RBL12].
SMArtOp [TGZ17]. Smartphones [RT14].
SMARTS [RXX+17]. snapshots [AST12].
Snippets [SWU+15]. SNIP [YCCY12]. SoC [TKL+15]. social [GGC18]. soft [JAC10].
Software [BSA14, CC15, RC17, Wan11, YQTR15, BMSZ17, BTR+13, CBGM12, CFH+13, CJ17, DVL13, EKUR10, FRGFLF+12, FC11, GT10a, HBG+16].
supported [FMM+11]. Supporting [LVG10, EKUR10]. Surgical [RSB+14].
Synchronized [BG17].

SP10a, SPPH10, Sie10, SPS17, SH12, TTS+10, WAB+11]. time-travel [BM14].
time-triggered [EABGV14]. Times [BKP16, DW10]. timing [AGH+17, LS11],
TIMP [SLS+12]. tiny [Xue12]. tolerant [PZM+10]. Tool
[FMM+11], PQD12, SW12, SSK13, ABFM12, CRAT+12, ETR12, KSR14, LS11, TWX+10].
Tool-supported [FMM+11]. toolchain [KDPG18, SMN+18]. Tools [Bro12, CSZ17,
CS12, ABK+16, KPP+18, VBAM10b].
toolset [KvGS+11]. top [RVP11, SGG+17, ZMY+14]. top-
[SGG+17]. top-down [ZMNY+14]. Topics [Hor11, Jen12]. topology [DDM11]. Toy
[DiP18b]. Trace
[HWM14, PiLC11, SR14b, BBF+10, HWM13, HWI+12, IHWN12, WHIN11].
trace-based [BBF+10, HWM14, HWI+12, IHWN12].
Traceability [CSKB12]. tracer [CZ14].
Traces [WKG17, BA12, RGM13]. Tracing
[BP10, DLR14, DLR16, MD15]. track [VSG17]. TrackEtching [VSG17].
Tracking
[RLMM15, SDC+12, KHL+13, OOK+10]. Tracks [RGM13]. tradeoff [UTO13].
Traffic [RXK+17]. Trail [HHSS13]. Train
[MSK16]. training [KMNZ16]. trait
[BCD13, VM15]. traits [BDGS13, BD17].
transactional [DV13, FC11, ZHCB15].
Transactions [DcSG12, CHM16, DFR13].
transformation [AST+16, PDD17].
transformations
[AK13, MHM10, PMP+16, TL17].
Transforming [dMRH12]. transitioning
[HWM14]. Translating [RFRS14].
Translation [BO12, LSWM16].
translations [UTO13]. translator
[LZYP16]. Transmission
[FE11, BVGVEA11b, BJBK12].
transparent [BDB11]. travel [BM14].
traversals [ODL15]. Tree
[Lyo12, HLO15, KMMV14, SSK13]. trees
[RBV16]. Trends [CC15, MSS10, SR17].
trie [SV17]. trie-based [SV17]. tries
[SV15a, SV15b]. triggered [EABGV14].
TRINI [PDPM+16]. Trusted
[TWNH12, BCF+14]. tuning
[AAB+10, BVGVEF11, SKBL11]. Turf
[CH17]. Turing [Gri17]. Tutorial
[Sen12, Nil12b, Taf13, 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, KvRHA14, KDPG18, LPGK14,
LE16, MHR+12, SH12, TLL11, Zhai12,
eBH11]. Type-Based [SGD15].
type-dependent [LE16]. Type-Safe
[Loc18, KMLS15]. Typechecking
[KDPG18, CL17]. Typed [BO13, KKK+17,
MHL15, CMS+12, KRC14, Lei17, RDP16].
Types [BO13, RyB14, SPAK10, BDGS13,
CH12, DDM11, HH13, MME+10, YDFF15].
TypeScript [Cho14, FH16, RSF+15].
Typing
[FZ17, RSF+15, Sie17, SFR+14, TSD+12].
typy [OA17].
Ubiquitous [MCY+10]. UDP [RR14]. ULS
[FOPZ14]. UML [CSF+16]. unbounded
[LSSD14]. uncertain [McK16].
Understandable [MCM+16].
Understanding [ABC18, FRM+15,
MKTD17, NBW+18, PCL14, QLBS17, Set13,
TABS12, VBMDP16, LBW+15, Nil12b].
Undocumented [Alt12, MHR+12]. Unified
[LM15]. uniform [AH10, Eux13]. Unifying
[Has12, M KK+12, MKK+13]. union [KT15].
uniprocessors [KPHV11]. Units [LLL13].
universe [DDM11]. Unix [PVB17].
Unpicking [LB12]. Unrestricted
[WWS13]. unsafe [MPM+15]. unsound
[AT16]. updates [PKC+13]. Upper [SW12].
Upsortable [SGG+17]. uptrees [HB13].
USA [Hol12, KP15]. usability
Usage [FH16, MHR+12]. Use [RC17, PTF+15, QLBS17].


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