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


/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 [DLZ+13], back [Car11]. Background [PWSG17, PWSG19]. Backstage [PSI11]. Bad [dGRdB+15], baggage [KFB+12]. balances [FMHB15]. balancing [FDPM+16]. Ball [DD13]. Bar [WCG+18]. Barrier [CHMY19, CHMY15, VB14a], barriers [HJH10, WBM+10]. Based [AFGG11, DLR16, GM12, GGZ18, LTD+12, MvDL12, MM12, PTML11, PiLCH11, PE11, RBL12, RT14, SGG15, SLS+12, ST15, SWF12, YPM12, AZY10, AZLY18, AST+16, ADI13, BFP+10, BBP13, BB17, BL15, CDTM10, CNRG19, CSKB12, CJ17, CJ19, CPST14, CPST15, EKUR10, GT10a, GMC+13, GGC19, HW14, HWT+12, HOKO14, HWLM11, IHWN12, IRJ+12, JEC+12, IMO14, KATS12, KS13, KRCH14, KvrHAI14, KS14, Lon10a, Lon10b, MCC17, MB12, MCY+10, MTSH16, Ott18, PDPM+16, PSW11, SZ11, SBK13, SMP10, SPY+16, SV17, SNS+14, UIY10, UPR+18, VSG17, XHH12, YP10, YKA+19, ZY+12, ZYY+19]. Basic [NBB18, CZ14], basic-block [CZ14], basics [Zak12], basierte [Ric14], Battery [ST15], battlefield [WT10]. Bayesian [BSA14, RKHN18], Bazel [McN19], BeagleBone [Ric14], before [TD15], Beginning [McN19], begone [MMR12], Behavior [Sun18, LWB+15, RLBV10, TABS12, WX16]. Behavioral [LN15, AMW15], behaviors [PCL14], behaviour [SMS+12], Beliefs [BA17], Ben [Teo12], Benchmark [GBC12, SMSB11], Benchmarking [CKS18, AHK+15, HCLH18, MDM17], benchmarks [KHM+11, RGEV11], benefit [HH13], best [Sch13], Better [Bro12, TD15]. Between [ADG19, PVB17, ZLHD15, BKP16, CMM17, CSKB12, CSF+16, LSBV16, LSBV17, RDP16, SH12], beyond [MOR18]. Big [BF18, GTS+15, NWB+15, NFN+18, RVK15, BOF17, BBXC13, RVK19, SSG+14, WR10, XGD+19], billions [DRN14], Binary [WWG+18, XXCL19], bindings [VGRS16], bird [Guy14], Birthmark [PiLCH11], Bitcoin [TD17], BIXSAN [VS11], Blame [KT15], BLeak [VB18], Bloat [MS10, NWB+18, XMA+14, BRG12, BBXC13, XR10], bloat-aware [BBXC13], block [CZ14, KBL14], block-level [KBL14], blocking [DW10], Blockly [AMWW15], Blueshell [PWA13], Board [GLA19], boilerplate [ZCdSOvdS15], Book [Ano15, Ano18, Bro12, Del13, Gve13, Kie13, NGO12, Teo12, Teo12], Bookshelf [Ano18], Boosting [ASV+16, AC16], Bootstrapping [CBLFD12], Bottle [DSEE13], bottlenecks [DSEE13], bottom [ZMNY14], bottom-up [ZMNY14], boundary [RD16], Bounded [NBW+15, GMT14], Bounds [SW12, GvRN+11], boxes [BDGS13], Brain [VBZ+18], breaking [VB14a], Breakpoint [ZW13], breakpoints [PS12], Brewing [WZL+18], Bridging [PVB17], Bringing [CV14, HRS+17, STS+13], Broken [dGRdB+15, AZMT18], Browser [MSSK16, PVB17, FIF+15, VS11, VB14a, WG+11, YK14], Browsers [HL13], Browning [LYM+18], Browsix [PVB17], BUbInG [BMSV18], Budget [GM12], buffered [DLZ+13], buffers [Gun14], Bug [RPP19, LWH+10]. Bugs [OBPM17, XMD+17, ECS15, MDS+17, ODL15, Ryu16], Build [BMDK15, BNE16, ELW15, MAH12, WSH+19], Building [McN19, Sta10, SS19, HWW+15, NGO12], built [DTM+18], built-in [DTM+18], Business [CCA+12], Bytecode [BTD10, BSG12, FHSR12, NS12, RDFCP12, Rey13, SEK+19, AdCGGH16, CZ14, CNRG19, DLM10, SP10b, SMP10, VB14b].

C [BB12, CDG+17, GBC12, KB11, LSBV16, LSBV17, NED+13, SRTR17, Sta10,
chip-multiprocessor [PS10b],
chip-multiprocessors [RS12]. Choice
[JCMM19, WM+10]. CICS [R+13], CIL
[BBF+10].
circular [Gun14, S10]. Circus
[ZLCW14, MCW19]. City [Hol12]. Class
[BS13, CSF+16, NC10, CSKB12, HC10,
MM10, SC16, SM12, TSD+12]. Classes
[And14, SVB+17, WIT11, CZ14, CS12, S10,
TSD+12, VBDPM16]. Classifiers [SD16a].
Classification [PBM+19, SS14]. Classifiers
[BSA14]. Classifying [MH10, PBB19].
Classless [WzdSOS17]. clicker [HA13].
Client
[MS14, OBP17, CH17, GGC19, KR16].
client-server [GGC19]. Client-State
[OBP17, KR16]. Client-Side [MS14].
clients [SRB18]. Clojure
[ECG12, FH11, S10]. Cloaked [SSL18].
Closing [ZLHD15]. Closures
[BO11, BO12, BO13]. Cloud
[VDV17, WZK+19, BFS+18, GGC18,
LZYP16, TLM13]. cloud-based [GGC18].
clustered [PDPM+16]. clustering
[MKK+12, MKK+13]. clusters [TRTD11].
Cocoa [Sta10]. Code
[ADJ19, BH17, BNE16, CJ19, HC11,
MS19, MM16, PKPM19, RVK15, RLM15,
SRTR17, SVB+17, SV15a, SED14,
WWG+18, XXCL19, AGR17, AK13,
CCFB15, DRN14, FLZ+18, FH16, FMS+11,
GMNC13, GGC19, IS18, LVG10, MKK+12,
MKK+13, NG13, OJ12, PFB19,
PMP+16, PS11, RFRS14, RBV16, RVK19,
RO12, SSK13, Tai13, UTO13, VSG17,
WKJ17, WGF11, WBA+11, WAB+11,
WWS13, ZHL+12, ZXL16, ZWS15].
Code-Issue-Introducing [CJ19]. coding
[LMS+12, LMS+13]. Coefficient [ADJ19].
Coffin [Teo12]. coherent [ZP14]. Cohesion
[RC17]. Cold [BZD17, WGF11]. Collect
[JCM19], collected [AGGZ10], collecting
[AHK+11]. Collection
[ASV+16, BF18, GM12, MAK19, QSaS+16,
ST15, URJ18, ASME18, AFGM15, BP10, BOF17, KPHV11, KBL14, NGB16, ODL15, PZM+10, PDPM+16, SP10a, SMB14, Sie10, SJBL10, SKBL11, UIY10, UJR14.


deallocated [AFGM15]. Dean [Bro12].

Debt [YXS+19]. debugging [ASdMGM14, BM14, KS14, TB14, VB18, ZFK+16].

December [LSBV17]. 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]. De finite [NS12]. Definition [SSB14b, AK13, SSB01].


demand [FWDL15, SNCM19, ZHL+12]. demand-driven [FWDL15, SNCM19].

DemoMatch [YKSL17]. demonstrations [YKSL17]. Deoptimization [KRCH14].

depend [LCW18]. dependability [GD10]. Dependence [PDDD17, JWMC15].

Dependence-driven [PDDD17]. dependences [BKC+13, WLL19].

dependencies [ELW15]. Dependency [ZBvdB+19]. Dependent [CHJ12, LE16].

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

depth [HTBB16, Rau14]. Design [AC16, CNRG19, ETTD12, MLGA11, Puf13, RTE+13, SW12, TRTD11, TKL+15, VGRS16, YCCY12, BBXC13, CSdL16, GSD+15, IRJ+12, Lon10a, Lon10b, OA17, SADB+16, SMSB11, VM10, W].


Detection [BH10, BSOG12, KCD12, MS14, RD15, XMA+14, AMT17, BGOS18, CSK17, LMK16, LS11, ODL15, PG12, RDF15, RGB18, RW17, SR14a, SR14b, SS14, WCG14, XXZ13, XR13]. detector [WWF18]. detectors [LWH+10].

Determinacy [AM14]. Determination [YXS+19]. deterministic [DNB+12, MvH15]. develop [WA19].

developer [EV13, Top11, ZZK13]. Developers [Bro12, BMR14, DJB16, HH13, Wam11].

Developing [R+13]. Developing [R+13].

Development [ABK+16, AYZI10, MT13, PBM+19, AGR17, BM18, FRGPLF+12, GT10a, PWS11, SKR17, SH12, WBA+11, ZDS14].

Device [TTD+11, XHH12]. Devices [GPT12, JQJ+16, MV16, ETR+15, Xue12].


Differentiation [FPH+12, PJD+12, SD16a].

digital [JMO14]. dimensional [TGZ17].


Discovering [YKSL17]. discrete [DDF17]. Disease [PE11].

Disjunctive [JCO19]. Dissimilar [Has12]. Distance [ZL13]. distributable [CRAJ10]. Distributed

[BVEAGVA10, CWGA17, LTD+12, LM15, MAHK16, MRJ18, NFN+18, PE11, YMH19, AdScdR+19, BVGVEA10, BVGVEA11b, BVGV14b, CDL10, CRAWJ10, EABVGV14, STCG13, SS19].

distributing [TGZ17]. divide [SBE+10].

Do [HH13, LMZP19, Han15]. Does [BRGG12, Rub14]. DOJ [hEYJD12]. DOM [GCC18]. DOM-Based [GCC18].


DoubleChecker [BHSB14].

Driven [CCA+12, JJCQ19, YPMM12, BM18, FGB+19, CHM13, FWDL15, HZK19, LKP19, MTL15, PDDD17, SR14b, SNCM19].

drug [EKUR10]. DSL [KARO12]. DSLs [KHR11, RO12, SC16].

DSSAT
Global-Scale [PE11]. Globally [YMHB19].
Glotaran [SLS+12]. go [LWB+15, McN19].
Goldilocks [EQT10]. Good [dGRdB+15].
Google [Ngo12, MGI17, Sam12]. GPGPU
[PQTGS17]. GPGPU-accelerated
[PQTGS17]. GPU [CNRG19, PKO+15].
GPU-based [CNRG19]. GPUs [Hos12].
grade [CRJ+10]. Gradual
[RSF+15, SFR+14, TSD+12, Sie17]. grained
[DRN14]. grammars [GN16, SHU16].
Granularity [RRB19, CZ14, YKA+19].
Graph [dMRH12, BS13]. Graphical
[SLS+12]. Graphics [Cec11, LLL13].
graphs [AdCGGH16, DSEE13, JWMC15, PULO16].
green [BRGG12]. Greenfoot [Kol10]. grid
[SV12, VWJB10, MZC10b]. Gridifying
[MZC10b]. grounded [EV13]. Growing
[EKR+12]. growth [LDL14]. guarantees
[JWMC15, ZHCB15]. GUI
[CNS13, VGS14, WBA+11].
GUI-awareness [VGS14]. Guide
[Ame13, Oak14, Rau14, Teo13, Top11].
Guided [CNS13, DiP18b, MMP15, NY16,
LTMS18, Ott18, PNS14, RKH18, SSH17].
Guidelines [GGZ+15, HLSK13, LMS+13].
Hack [Ott18]. handlers [BSO18].
Handling
[KW11, ECS15, HWM14, KW10, WK12].
Hands [CSZ17, Teo13]. Hands-on
[CSZ17, Teo13]. happened [Han15].
happens [TD15]. happens-before [TD15].
hard [LTK17, Puf13]. Hardware
[MAK19, SKKR11, SPS17, CBGM12, IN12,
SE12, ZDK+19]. hardwired [OUY+13].
harness [Kie13]. harvesting [AFGM15].
hash [SV15a, SV15b, SV18]. hash-array
[SV15b], hash-tries [SV15b], hashing
[GRF11]. HDFS [IRJ+12]. HDL
[OUY+13].
health [EKUR10]. heap [CSV15, LDL14,
TLX17, Tar11, VYY10, YS10, BVGVEA10].
heap-manipulating [YS10]. Heaps
[CN18]. Helping [RT14]. Hera [MS10].
Hera-JVM [MS10]. Herman [Kie13].
Heterogeneous [AVS+16, HBB+14, Rub14,
AYZI10, ABCR10, DFR13, MS10, SV18].
Heterogeneous-race-free [HHB+14].
Heuristics [MGI14, LMK16]. HHVM
[Ott18]. Hidding [RBL12]. hierarchy
[BS13]. High
[GS+16, Hol12, IRJ+12, MSM+16, RGB18,
SW+15, URJ18, WN10, Zak10, BRWA14,
Hos12, Ngo12, RFBJ14, TTD+11, TGZ17,
VVJB10, WFF18, WWH+17, TRE+13].
High-coverage [RGB18].
high-dimensional [TGZ17]. high-level
[Hos12, RFBJ14, VVJB10].
High-Performance
[URJ18, WN10, GS+16, BRWA14, Ngo12,
TTD+11, WFF18, WWH+17]. higher
[KT15, SPK+18]. higher-order
[KT15, SPK+18]. highly [BP10, SPP+10].
history [DRN14]. hit [Ano13]. Hoare
[SD16b]. hole [Ano13]. Holistic [MAHK16],
Hop [WBHN18, D’H12]. Hopjs [SP16].
Horstmann [Gwe13]. hosted
[CBLFD12, SYZZ+14]. hot [LMK16].
HotSpot [Sch13, BOF17]. HotWave
[AMMV12, VBAM10b]. HPC [JQJ+16].
HTM [CMH16]. HTML [Sta10]. HTML5
[HLO15, NH16, Ano15]. Hunting
[GGC18]. HVM [LTK17]. Hybrid
[CHM16, JQJ+16, JMO14, KCD12, VDV17,
ZNMY14, ZMM+16, ASME18, ADB13,
HyG12, PdMG12, STA18, SWB+15].
Hybris [VDV17]. hygienic [DFHF15].
hypervisor [GMC+13].
i-Jacob [LYM+18]. IaaS [ZLHD15].
Identification [MTSH16, PBM+19,
SBE+19, BZD17, FMS+11]. Identifier
[SRTR17]. identifiers [FMS+11].
Identifying [IN12, SVB+17]. if
[Han15, STA18]. If-transpiler [STA18].
iluminating [BK14]. Image [WN10].
immutability [HMDE12, ZPL+10].
immutable [SV15b]. impact [CMS+12,
Gra15, HWLM11, MPR12, WKJ17]. imperative [RFRS14], implement [HdM17]. Implementation [CSF+16, GPT12, HM12, NBB18, CNRG19, OA17, Por18, VGRS16, YP10]. implementations [CSS+16, OJ12, PS10a].

implementation [HdM17]. Implementing [FFF17, GM12, WCB16, EK+13, FBH17, PMP+16, ZBvdB+19]. implications [BRGG12]. implicit [IvdS16, SPAK10]. imply [BRGG12].


IntelliMerge [SZZ+19]. Intensive [LYM+18, NBW+18, SAdB+16]. inter [CMM17]. inter-language [CMM17].


Interpretation-Based [DLR16]. interpreter [D'H12, KMMV14]. interpreters [CNRG19, HWW+15, IvdS16, MD15, SYZZ+14, ZLBH14].


Introducing [CJ19, Dan17, DMS11]. Introduction [CIAD13, CSZ17, HTLC10, HTW14, Lew13, RHT13, VK12, Hav11, VF10].

Introductory [BNP11]. intrusively [MZC10a]. Invasive [ADJG19].


Isolation [ZLB+13]. Issue [CJ19, DVL13, HL13, HTW14, Puf13, VK12, Fox17a, HTLC10, HGCA11, RHT13].

iterations [DD13], iterators [ZLBF14]. IVE [CRJ+10]. IVPs [KS15].

J [KMLS15]. J2M [LZYP16]. J2ME [GPT12]. J2ME-Enabled [GPT12]. Jaccie [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, KyGS+14, PQTGS17, SAdB+16, ABC18, AsdMGM14, AST12, AFG11, AYZ110, AdSCdr+19, AS14, AAB+10, Alt12, Ame13, AdCGGH16, At16, And14, AFGM15, Ano12, Ano13, ABMV12, AGR12, AGR17, ABCR10, ADI13, ABFM12, AK13, BK12, BHI17, BMR14, BH12, BDT10, BVGVEA10, BVEAGVA10, BVGVEA11a, BVGVEAfg11, BVGVEA11b, BVGVEA13, BVGV14a, BVGV14b, BS12, BMDK15, BO11, BO12, BO13, BP19, BCR11, BDGS13, BCD13, BD17, BRGG12, BfvdSi17, Bla18, BR12, BHI10, BR15, BB12, BNPI1, BL15, BW12, BA12, BZD17, BSOG12, BMOG12, BKP16, BA17, BJBK12, CIAD13, FGB+19, CS17, CZ14, CMM17, CW11, CV14, CS12, CDTM10, CNRG19, CC15, CRJ+10, CWGA17, CSF+16, CSK17, CCH11, CJ17]. Java [CJK9, CYWD19, CG+17, Cle16, CDMR19, CKS18, CSdl16, CCA+12, CMM+10, CRAJ10, DJLP10, Dan18, DDDF17, DLM10, DLZ+13, DL13, DR10, DHS15, DJB16, DMS11, ECS15, EEK+13, ES14, EQt10, Esq11, EABGVE14, Eng13, EV13, ETTD12, ETR+15, FLZ+18, FGRFL+12, FGR2, Fer13, FFF17, FLL+13, FHSR12, Fox17b, FMS+11, GLG19, GMPS12, GMNC13, GvRN+11, GYB+11, GM12, GBS14, GD12, GBC12, GS11, GS12, Gon11, GMC+13, GT10b, GJS+13, GJS+14, Gri17, GPT12, GK15, HL13, HD17, HdM17, Has12, HWM10, HWM13, HWM14, HA13, HM12, HTLC10, HKVG14, HTBB16, HH13, HOKO14, HGCA11, Hor11, Hor12, HC13, HC10, HZZK19, HWLM11, HJ12, IHW12, IN12, IS18, IF16, JC10, JEC+12, JQJ+16, JJJ17, Jen12, JB12, JYKS12, JTO12, JH11, J+12, JMB12, JMO14]. Java [KHR11, KHM+11, KMLS15, KS13, KW10, KW11, KPP+18, KM10, KSR14, KSPK12, KDPG18, KS14, KF11, KB11, LSBB16, LSBB17, LTD+12, LMK16, LSWM16, LLL13, LT11, LT14, LZIP16, 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, MPM+15, MHN19, MZC10b, MKTD17, MM16, MHM10, MAH12, MB12, MCY+10, McN19, MGS19, MPR12, MLM17, MLM19, MKK+12, M KK+13, MSS10, MCW19, MvH15, MT14, MDHS10, NM10a, NCS10, NS12, Nil12a, Nil12b, NG13, NNTK17, NNT+19, NM10b, NBB18, Oak14, OOK+10, OMK+10, OLA+13, OUY+13, OW16, OJ12, OCFL14, PS11, PLL+18, PdMG12, PML11, PMLT14, PTHH14, PL12, PiLCH11, PBH13, PBB19, PPMH15].

Java [PMP+16, PQD12, PVH14, PTF+15, PS10a, PS10b, PDP16, Pos19, PSW11, Puf13, PKC+13, QBLS17, RD15, RDCP12, RTE+13, RTET15, RR14, RS12, RHT13, R+13, RBL12, RAS16, RS12, Rey13, Rev13, RVP11, RLM15, RRB19, RB15, Rv14e, SSL18, SB+14a, SE12, SRB18, SRTR17, STST12, SS12, Sch14, Sch13, Sch10a, SPPH10, SKKR11, SDH+17, Sch10b, SSMGD10, SZ10, Set13, SMSB11, SMS+12, SM12, SDM12, SWMV17, SW12, SGV12, SEPV19, SKBL11, SD16a, SJP10, SLS+12, SKR17, SS14, SABB19, SP10b, SMP10, Spo16, SBE+19, SPP+10, SWB+15, SSB01, SSB14b, ST15,
SMP19, SPS17, SSG+14, SS19, STS+13, Sve14, SWF12, TRTD11, TTD+11, TTD12, TRE+13, TLL11, TWX+10, TFPB14, TN19, TWH12, TNTN12, TGG17, TJLL18, TKL+15, UR15, UPR+18, VSG17, VGRS16, VBDPM16, VBMDP16. **Java** [VGS14, VBAM10a, VBAM10b, VBMA11, WGF11, Wam11, WzdsOS17, WCST19, WLL19, WBM+10, WK12, WCB16, WN10, WR1+10, WA19, WHV+13, WHIN11, WZL+18, WBA+11, WAB+11, WWS13, XHH12, XR13, XMD+17, Xue12, YP10, YKM17, YKA+19, YDF15, Zlvd17, Zak12, ZP14, ZLCW14, ZHL+12, ZXL16, ZBvdB+19, ZKB+16, ZYY+19, ZWSS15, ZPL+10, ZDS14, dCMN12, dMRH12, eBHI11, hED12, vdMvdMV12, Dei13]. **Java-Based** [AFGG11, SLS+12, ST15, SWF12, CJ17, CJ19, HOK14, JMO14, KS13, KS14, MB12, MCY+10]. **Java-compatible** [ABCR10]. **Java-like** [BGDS13, BCD13, DLP10, SZ10]. **Java-to-HDL** [OUY+13]. **Java-to-JavaScript** [LSWM16]. **Java-utils.Collection.sort** [dGRdB+15]. **Java/JSP** [Sch10b]. **Java/Scala** [MZC10a]. **JavaBIP** [BMSZ17]. **JavaCC** [GN16]. **JavaCOP** [MME+10]. **JavaAdaptor** [PKC+13]. **JavaFX** [FBG17, Top11]. **JavaGI** [WT10, WT11]. **JavaScript** [Ser18, Sve12a, Sve12b, SVB+17, SDC+12, Sta10, Ste10, SR17, SFR+14, TAF+18, TT11, VM15, VP16, VB14b, Wall2, WCST19, WX16, YY13, Zak18, Zak10, dJM18, BM18, KCD12, Mei14, Ano18, Kie13, Teo12, Teo13]. **JavaScriptCore** [Piz17]. **JaVerT** [SMN+18]. **JAWS** [PKO+15]. **JBInsTrace** [CZ14]. **JCloudScale** [ZLHD15]. **JCM** [dCMN12]. **JCSI** [ABFM12]. **JCS** [WBM+10]. **JDiffraction** [PQTG17]. **JDK** [SRB18]. **JDM** [ZP14]. **JDS** [dARPH+19]. **JEquality** [GRF11]. **JET** [LT11]. **JGRIM** [MZC10b]. **Jinn** [LWH+10]. **JIT** [BBF+10, BB17, CMS+12, HW14, IHWN12, JKR+13, NED+13, Ott18, RSB+14, WK17, ZYZ+12]. **JIT-based** [BB17]. **JIT** [KRCH14]. **JMarkov** [CRAT+12]. **JML** [CRJ+10, TJLL18]. **JML-annotated** [TJLL18]. **JNI** [CDG+17]. **Joe** [Ano18]. **Johnny** [WA19]. **join** [MZC10a]. **Journey** [Ryu16]. **joy** [FH11]. **JP2** [SSB+14a]. **JPC** [CMM17]. **JPF** [BA19, WKG17, WCG+18]. **JPR** [WKG17]. **jQuery** [AM14, PIR17]. **JR** [OW16]. **JRe-** [OW16]. **JRE** [CZ14]. **JS** [AHK+15, Por18]. **js-emass** [Por18]. **Js_of_ocaml** [VB14b]. **JSART** [MM12]. **JSCode** [Ch18]. **JSetL** [RB15]. **JSON** [BB17]. **Jsmdb** [Dei10]. **JS** [Sch10b]. **JTabWb** [FF17]. **JTRES** [HTW14]. **JTRES2011** [RHT13]. **JTRES2013** [Fox17b]. **JTRES2014** [Fox17a]. **judgment** [CV15]. **Julia** [Dan18, Sp16]. **Juliet** [BB12]. **July** [Bro12, KP15]. **Jump** [WBHN18]. **jungle** [Sew12]. **Jupyter** [Dan18]. **JupyterLab** [Dan18]. **Just**
[DLR16, TN19, KHL+13, LMK16, MGI17, TTS+10]. Just-In-Time [TN19, DLR16, KHL+13, LMK16, MGI17, TTS+10]. JVM [AC16, AFG+11, CSS+16, Guy14, MS10, PVH14, R+13, RRB17, SYZZ+14, SV15b, Sub11, WKG17]. JVMs [BK14, ZYZ+12].


KiWi [BBB+17]. KJS [PSR15].

Knorrnschild [Del13]. knot [LB12].

know [DBJ16, Gra15, Han15]. Knowledge [KSPK12, UMP10]. known [Han15].

Kraken [Ano14].

Lake [Hol12]. lambda [MKTD17].

lambdas [UFM15]. landscape [Sve14].

Language [DLPT14, GJS+13, GJS+14, GSS+18, JC10, KSPK12, MAHK16, NM10b, Sev12b, SS13, WBHN18, ABCR10, CMM17, CsDL16, DAA13, EKR+12, Fee16, GSS+16, Hos12, HWW+15, KRCH14, LWH+10, LE16, MDM17, SC16, SZ10, SKR17, SNS14, VB14a, WCG14, WHW17, ZWSS15, dCMM112]. language-level [WCG14].

Language-Neutral [WBHN18].

Languages


Layer

[OTR+18, SKKR11, Den18]. layered [RCR+14]. lazy [TD15]. Leading [MSS10, PGA18]. lean [BRGG12, SV15b]. Learn [RT14].

Learning

[Dan18, JJC19, PSJ18, Pau14, RT14, BSAL18, CNS13, KC12, Ano15, Teo13]. learnt [GY16]. Legacy [KH18, SVB+17, CD1M10]. Legally [Sam12]. length [SMP10]. Less [BNE16].

Lessons [URJ18]. Level

[AC16, MGI14, SWU+15, YXS+19, EKUR10, Hos12, IHWN12, KBL14, LWC17, MGI17, RFBJ14, TTD+11, VWB10, WCG14].

leveraging [WCST19]. Lexical [GN16].

Lexicon [TAF+18]. Libraries

[BK12, RDCP12, BvvdS17, Choi14, EKR+12, PMLT14, PLR18, TTD+11]. Library [CH17, CWG21, NBB18, OCFL114, TAF+18, WN10, dJML18, CMM17, SMP+16, PQTGS17, Pos19, TFPP14, TGDZ17].


Lightweight


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

Listener [JH11]. little [Han15]. liveness [DL14]. Load [GMNC13, PDPM+16].

loaders [SM12]. loading [WGF11]. Local


Lock [FC11, NM10a, NF1V15, UMP10].

Lock-free [FC11, NF1V15]. Locking [GGRSY17, JTO12, GGRSY14, GGRSY15, YKA+19]. locks [SP17]. Logging

[CJ19, CJ17]. Logic

[ZLP18, CMS12, Pha18, SD16b]. loop [DD13, HWH+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 [ZHC815, ZFK+16]. low-utility [XMA+10]. lunch [DTLM14].
m [MZA1C0b]. m-JGRIM [MZA1C0b]. M2M [Pau14]. Machine [JJCO19, LYB14, 
Amf13, CBLF12, KS13, KC12, MeM11, Piz17, SSMGD10, WGF11, WHV+13, 
BZL17, Cle16, LYBB13a, LYBB13b, LTK17, PTHH14, RBB19, SSB+14a, Sch13, Set13, 
SMB11, SGB12, SSB01, SSB14b, UR15]. Machine-Learning [JJCO19]. Machines 
[AGR12, GTS+15, JK13, KRCH14, NK10]. macros [DFHF15]. Magic [SP10b]. 
Magic-sets [SP10b. Magnitude [BNE16]. major [Ano12]. Making 
[MZA1C0a]. malware [CSK17]. Managed 
[MAHK616, NFN+18, NBW+18, BM14, 
CBGM12, GTL+10, ZIvS17]. Managed-Language [MAHK616]. Management 
[OTR+18, Pau14, YPMM12, 
AHK+15, BVGV14a, BGS+13, EKUR10, 
HB13, KCP+17, KB17, MLM17, Nii2b, 
PCL14, SWB+15, Tar11, WGW+11]. manipulating [KRR19, YS10]. Manipulation 
[MS14]. manual 
[KCP+17, KPP+18]. many [GTS11, SV18]. Map 
[BBB+17], mapped [SV15b]. Mapping 
[LT3D12, UR15]. MapReduce 
[LZYP16, RFRS14, SKBL11]. maps 
[NSV15, SV18]. mashup [ETR12]. Masses 
[BMSV18, BOS18, IvdS16]. Massive 
[BMSV18]. Massively [NB18]. mastering 
[BW12]. Mathematics [dJMJ18]. MATLAB 
[Alt12, FBH17, PMLT14, VF10, Has12]. MATLAB-like [PMLT14]. matrix 
[HD17, TGZ17]. matters [DJB16]. Maxine 
[WHV+13]. MCAPL [Den18]. me 
[LCW18, CMM+10, GM12, XHH12]. ME-Based [GM12]. mean [Rub14]. Means 
[DW10, DTLT14, Gra15, JH11]. mechanical 
[ZZK13]. mechanised 
[BCF+14]. Mechanising [Loc18]. Media 
[Bro12]. meets [KHL+13]. Memento 
[CPST15]. memoization [TPG15]. memories [ASME18]. Memory 
[BG17, JYKS12, MRM+16, NBW+18, 
OTR+18, SS14, ST15, WZL+18, AHK+11, 
AHK+15, AGGZ10, BSMB16, BFS+18, 
CWW13, DLZ+13, DVL13, FC11, FF10, 
GYB+11, HBH+14, HB13, KHL+17, 
KCP+17, KB17, Loc13, MRM+10, MLM17, 
Nii2b, OMK+10, RW17, SMS+12, SEVP19, 
SMN+12, SWB+15, SV15a, Tar11, TVD10, 
VB18, WGW+11, XR13, YSCX17, ZP14, 
ZHC15, ZBB17]. memory-performance 
[SEVP19]. MemSAT [TVD10]. merge 
[ABC18]. Mergesort [LL15]. merging 
[SZ+19, TLX17]. Message 
[KT11, ETTD12, TRTD11, TTD12, UR15]. message-passing 
[ETTD12, TRTD11, TTD12, UR15]. messages 
[eBH11]. meta [MD15, SZ10]. meta-circular [SZ10]. meta-compilation 
[MD15]. metadata [DV13, WCST19]. MetaFJig [SZ10]. metaheuristics 
[DDD17]. metaprogramming [PS11]. Method 
[AC16, BVGVEF11, BA19, 
GD12, AST12, AJL16, HMDE12, SS19, 
SS16, VBM16, ZYY+19]. Method-Level 
[AC16]. Methods 
[MM16, Pau14, VBZ+18, 
Bra14, GRF11, LBSB16, LBSB17, SSL18]. Metrics 
[KB11, JK11, SSK13, Sch13]. Metriken 
[Sch13]. Microscopic [RXK+17]. Microservices 
[KH18, LSCPE18]. Microsoft 
[Ano13]. Middleware 
[RE+13, AdSCdR+19, HOKO14, HML11, 
MZA1C0b]. middleweight 
[IF16, MT14]. midstream [SSG+14]. Migrating 
[AST+16, CDTM10, FGB+19]. Migration 
[OwKPM15, Fee16]. migrations [TFPB14].
WBA{+}11, ZDS14, hEyJD12]. OScK
{[HK]+11]. OSgi
{[BVGVEA13, GD10, Del13]. OSS
{[ZMM]+16], other [EKUR10, KS13],
out-of-order [hEd11], out-of-thin-air
[OD18], output [KM10]. Over-exposed
{[VBDPM16]. overhead
{[BCR13, ZHCB15, ZFK+16]. overlap
{[ADJG19]. overlay [CDTM10].
Overloading [PQD12]. overview [Nil12b].
OwN [MPM+15]. Ownership
{[ZPL+10, BDGS13, DDM11].
PaaS [ZLHD15]. Package
{[SLS+12, CRAT+12, MB12, OW16, AK13].
Packages [PilCH11]. PackedObjects
{[YKA+19]. panic [Ano12]. Paper
{[DDDF17, PDPM+16, Chal18, SV15a].
Paperback [Ano18]. Papers
{[DLV13, HIL13, LMK16, Pufi13]. Parallel
{[DS16, Esq11, LLL13, LRH19, MKG+17, Nkh16, NBB18, QSA+16, RD15, RS12, AACR18, BP10, BBP13, BSMB16, CRP+10, MGS19, NG12, NG13, PPMH15, Sie10, SZ11, TTD12, Tafl3, VYY10, BKP16, WN10].
Parallelisation [GS11]. Parallelism
{[NKH16, BENS12, HHS13, MZC10a, RHSD15, TWL12, ZLB+13].
Parallelization
{[DTM+18, SS16, YRHLB13]. parallelize
{[LPA13]. Parallelizing [NKH16, hEyJD12].
parameters [GBS14]. Parametric
{[AGGZ10, PUL016, UTO13]. Parlog
{[Bla18]. Part [KP15]. ParTejas [MKG+17].
Partial
{[CSK17, JB12, SGD15, SMP19, BS13, LX19, MD15, TD15, WGF11, WW1+17].
Partial-Order [SGD15, TD15]. Partially
{[BLH12, BCR11]. Partitioning
{[AD16, BS12]. party [FOPZ14, LVG10].
Passing
{[ETTD12, TRTD11, TTD12, UR15]. Path
{[SGD15, AZLY18, DD13, HHS13, SMP10]. path-based [AZLY18]. path-length
Patterns
{[RC17, BVGVEA11b, Del13, Ste10]. PayPal
{[Ano14]. PCR [YCYC12]. PCR-RFLP
{[LMZP19]. Performance
{[AACR18, CSZ17, CCH11, DR10, GBC12, Hol12, HJ12, MSM+16, Oak14, OCF114, QSA+16, RVT18, TRE+13, TPG15, THC+14, URJ18, VP16, WWG+18, WN10, ACS+14, AAB+10, BRGG12, BRWA14, CBGM12, Del11, GSS+16, HWT+12, IRJ+12, JH11, Ngo12, ODL15, PNSN14, SE12, SEPV19, TTD+11, TXW+10, WFF18, WHIN11, WWH+17, Zaki10]. performance-guided [PSNS14]. permission [HBT12, SNS+14]. permits
{[PPS16]. Persistence [LZ12]. Perspective
{[YHY13]. Pert [LZ12]. pervasive [MHM10]. pgs [Ano18]. PHALANX [VYY10]. phase
{[KC12]. phase-ordering [KC12]. phone
{[GMNC13]. phoneME [RDCP12].
Phosphor [BK14]. PHP
{[Ano15, Ott18, TTS+10]. Phynx [EKUR10]. Physics
{[Zak18, JEC+12]. pickler
{[MHBO13]. pickles [MHBO13]. PINs
{[MTSH16]. pipeline [LPA13]. pipelines
{[CRP+10]. Pivot [AD16, MRF18]. PL
{[FGB+19]. PL/SQL [FGB+19]. place
{[DLV13]. Plan [DLZ+13]. Platform
{[AFGG11, PE11, WBHIN18, BD17, CRJ+10, CMM+10, GD10, GMC+13, MKZ+14, PWA13, YP10]. Platforms
{[DR10, Has12, BP10, JMO14, KSR14]. PLDI
{[FLL+13]. pluggable [MME+10]. Point
{[Jaf13, AJL16]. Pointer
{[LHR19, LTMS18, LX19, TL17]. Pointers
{[RKN+18, AT16]. Points [BK12, SDC+12,
BSAL18, DHS15, SBK13, TLX17.

Points-To
[SDC+12, BSAL18, DHS15, SBK13, TLX17].

Policies [FHSR12, MPS12, BVGV14a].

policing [DW10]. Policy [YPMM12, JK13].

Policy-Driven [YPMM12]. polyglot [Zha12].

polymorphism [GMT14, PULO16, UTO13].

polynomial [Pos19]. POPL [BCR13].

Popular [Has12, SRB18]. Popular-but-Seemingly-Dissimilar [Has12].

portable [BM18, LTK17, RGM13]. portal [MCY +10]. Power [MV16, Pau14, BRGG12, CBGM12, Kie13, THC+14].

Policy-Driven [YPMM12]. polymorphic [Zha12].

Polymorph [Zha12].

polynomial [Pos19]. POPL [BCR13].

Popular [Has12, SRB18]. Popular-but-Seemingly-Dissimilar [Has12].

portable [BM18, LTK17, RGM13]. portal [MCY +10]. Power [MV16, Pau14, BRGG12, CBGM12, Kie13, THC+14].

Policy-Driven [YPMM12]. polymorphic [Zha12].

Polymorph [Zha12].

polynomial [Pos19]. POPL [BCR13].

Popular [Has12, SRB18]. Popular-but-Seemingly-Dissimilar [Has12].

portable [BM18, LTK17, RGM13]. portal [MCY +10]. Power [MV16, Pau14, BRGG12, CBGM12, Kie13, THC+14].

Policy-Driven [YPMM12]. polymorphic [Zha12].

Polymorph [Zha12].

polynomial [Pos19]. POPL [BCR13].

Popular [Has12, SRB18]. Popular-but-Seemingly-Dissimilar [Has12].

portable [BM18, LTK17, RGM13]. portal [MCY +10]. Power [MV16, Pau14, BRGG12, CBGM12, Kie13, THC+14].


ready [RHS15]. Real [BVEAGVA10, BBB+17, Fox17b, HTW14, KW11, Nil12a, Pau14, SLES15, SLE+17, VK12, BCR13, BVGVEA10, BVGVEA11a, BVGVEA11b, BVGVEA13, BVGVEA14a, BVGVEA14b, CRAJ10, DW10, EABGVV14, Fox17a, GMC+13, HTLC10, KHM+11, KPV11, KvGS+14, KW10, KPP+18, KSR14, LTK17, MDS+17, PS10b, PZM+10, PSW11, Puf13, RHT13, SP10a, Sie10, SPS17].

Real-Time [BVEAGVA10, BBB+17, Fox17b, HTW14, KW11, Pau14, SLES15, SLE+17, VK12, Nil12a, BCR13, BVGVEA10, BVGVEA11a, BVGVEA11b, BVGVEA13, BVGVEA14a, BVGVEA14b, CRAJ10, DW10, EABGVV14, Fox17a, GMC+13, HTLC10, KHM+11, KPV11, KvGS+14, KW10, KSR14, LTK17, PS10b, PZM+10, PSW11, Puf13, RHT13, SP10a, Sie10, SPS17].

Salespoint [ZDS14]. Salt [Hol12]. SAM [BO13]. San [KP15]. Sane [MPS12].
sanitizer [VS11]. Sapphire [URL18]. SAT [UPR+18]. Satin [VWB10]. SAW
[CFH+13]. Scaffolding [RT14]. Scala
[SMS+12, AT16, HIn13, Lew13, PTML11, Pos19, SMSB11, SMS+12]. Scala-Based
[PTML11]. Scala.js [DS16]. Scalability [CCH11, VP16, WZK+19, AAB+10, DSEE13, BFS+18, GTSS11]. Scalable
[BBB+17, BS12, DFR13, GGRSY17, HC11, JQJ+16, RXK+17, RTE+13, XMA+14, XXCL19, ETTD12, FC11, GGRSY15, NFV15, PIR17, PTL18, RTEF15, TTD12].
ScalaLab [PTML11, PMTL14]. scalar
[PQTGS17]. Scale
[BA17, PE11, CJ19, DHS15, LO15, MDS+17, MCY+10, PTF+15, WHIN11]. SCE
[DLPT14]. scenarios [AMWW15, Sch13]. Scheduler
[QSA+S+16, IF16, TWL12]. scheduler-independent [IF16].
Scheduling [AV+16, BVEAGVA10, KPHV11, EP14, EABGV14, ZW10].
scheme [XHI12, YKA+19]. SCHISM
[PZM+10]. Science
[HWM11, VF10, SGV12]. sciences [NL14]. Scientific
[Esq11, PTML11, TAF+18, WN10, FRGPE+12, PML14]. scientists
[Bra14]. SCJ [MCW19]. SCJ-Circus
[MCW19]. SCORM [HC10]. Scrap
[ZCDS0v+815]. Script
[MSK16]. Scripting
[CSGT17, KKK+17, HBT12, KRR+14, PML14, Zha12]. SE [LYBB14].
Seamless [OwKPM15]. Search [NBB18, SED14, WCG+18, XXCL19, DDDF17].
searching [ETR12]. Second [HD17].
secrets [Alt12]. section [DTLM14].
sections [NM10a]. Secure
[AFGM15, GMPS12, GM12, ABFM12, LMS+12, LMS+13, TLMM13, WA19].
securely [SFR+14]. securing [CDMR19]. Security
[CDG+17, Gon11, HBS16, JWMC15, MCC17, PS10a, STA18].
Seemingly [Has12]. selection [WHIN11]. Self
[MPS12, SEP19, YXS+19, hED12, AHK+11, AGH+17, CBLFD12, HWW+15, MD15]. Self-adaptive [SEP19].
Self-Admitted [YXS+19], self-collecting
[HWW+15, MD15]. Self-stabilizing
[hED12]. Semantic
[GGRSY17, RvB14, BNS12, GGRSY14, GGRSY15, MKK+12, MKK+13, OA17]. Semantics
[BO12, BR15, Kri12, LKP19, MLL17, SPY+16, AK13, FBH17, FZ17, KHL+17, Mil13, MT14, PSR15, PPS16, ZHCB15].
Semantics-based [SPY+16]. Semantics-driven [LK19].
semantics-preserving [AK13]. Semi
[FM13, SEK+19, ABC18, MRMV12].
semi-automated [MRM12].
Semi-automatic [FM13].
Semi-Autonomic [SEK+19].
semi-structured [ABC18]. Sensitive
[SGD15, HWM13, KRR19, LMK16, LX19, STA18]. sensitivity
[HB13, LTMS18, LX19, PLR18]. Sensor
[AFGG11, MTS16]. separability
[WRI+10]. Separating [DDM11, AC10].
Separation [ZLNP18, Pha18, TWSC10].
Sequence [NBB18, ZWZ+14]. Sequencing
[YWW+18]. Set
[ZB13, Lon10a, Lon10b]. Set-based
[SBK13, Lon10a, Lon10b]. setters
[MI13]. setting [BDGS13].
Settings [GM12]. Seven [ST15]. SGX
[CDMR19]. Shadow [NTK17, NNT+19].
ShadowVM \[MKZ^{+14}\]. shallt \[LCW18\].
shape \[GMT14\]. Shared \[BG17, FBG17, BSMB16\].

Shared-Memory \[BG17, BSMB16\].
sharing \[PKO^{+15}\]. Sherlock \[ADJG19\].
Short \[AHK^{+11}, Cha18, SV15a, Zak12\].

Short-term \[AHK^{+11}\]. shortcut \[MLM19, CSGT17\].
Side \[Bul18, HC11, OBPM17, D’H12, KRH16\].
Side-Channel \[Bul18\]. SIGCSE \[Wal12\].

Signatures \[DR10\]. significance \[FMS^{+11}\].
Similarity \[ADJG19\]. simpA \[RVP11\].
Simple \[BO11, BO12, KCP^{+17}, BVGV14b, MSM^{+10}\]. Simplicity \[Dei11\]. Simplifying \[Mor18, Ano18\]. Simulating \[LM15\].

Simulation \[HWLM11, FLZ^{+18}, KK11, Rim12, ZX16\]. Simulation-based \[HWLM11\]. simulations \[MCY^{+10}\].
Simulator \[MKG^{+17}, RXK^{+17}\]. single \[JK13\]. Sinking \[CDG^{+17}\]. site \[CPST15, SSB^{+14a}\]. sites \[OOK^{+10}\]. size \[AST12, UTO13\]. sizing \[CSV15\].

SJJ \[MvH15\]. sketching \[HZZK19\]. skills \[JACS10\]. Skip \[WBHN18\].
Skyway \[NFM^{+18}\]. slices \[YSCX17\]. Slicing \[XMA^{+14}\].
Slimming \[WGF11\]. SLOC \[LSBV16, LSV17\]. Smaller \[GS12\].

smalltalk \[FIT^{+15}, HKVG14\]. smart \[BL15, GMPS12\]. Smartcard \[RL12\].

SMARTS \[RXK^{+17}\]. snapshots \[AST12\].
Snippets \[SWU^{+15}\]. SNP \[YCYC12\]. SoC \[TKL^{+15}\].

social \[GCC18, GCC19\]. Socket \[WA19\]. Soft \[WZK^{+19}, JACS10\].

Software \[BSA14, CC15, KH18, LMZP19, PBM^{+19}, RC17, Wan11, YQTR15, YMBH19, BMSZ17, BTR^{+13}, CBGM12, CFH^{+13}, CJ17, CJ19, CDMR19, DLV13, EKUR10, FRGFL^{+12}, FC11, GT10a, HBG^{+16}, JhEd11, JK11, LPA13, MHR^{+12}, NGB16, OIA^{+13}, PLL^{+18}, PBB19, RAS16, SZZ^{+19}, SV17, XR13, YRHL13, ZZK13, ZHCB15, ZDS14, CKS18\].

Solidity \[Dan17\]. Solution \[KS15, EKUR10, J^{+12}\]. Solving \[SED14, FMBH15, UPR^{+18}\]. Sorting \[BKP16\].

sound \[McM11\]. Sound \[BO13, BGK17, LE16, SMP19, BHSB14, ELW15, PPMH15, RGB18\].
soundly \[BS13\].

Source \[ADJG19, BSA14, GD12, MM16, RLMM15, SRTR17, SED14, ABC18, AK13, CJ17, CJ19, DNR14, EKUR10, FMS^{+11}, JK11, MKK^{+12}, MKK^{+13}, OJ12, PMP^{+16}, SSK13, Tai13, ZWSS15\]. source-code \[MKK^{+12}, MKK^{+13}\]. source-to-source \[AK13\]. sources \[IN12\]. Spark \[LXP18\].

sparse \[TGZ17\]. sparse-matrix \[TGZ17\].

spatial \[MLGA11\]. Speaking \[Rau14, Sam12\]. Special \[DVL13, Fox17a, HL13, HGCA11, Puf13, HTLC10, RHT13, HTW14, VK12\].
specialization \[KR^{+14}, SV15a\]. specific \[CsdL16, EEF^{+13}, HWW^{+15}, Kie13\].

Specification \[GJS^{+13}, GJS^{+14}, IF16, KW11, LN15, LYBB13a, LYBB13b, LYBB14, MCW19, Tnh12, BVGV14b, BCF^{+14}, KR12, KW10, MRA^{+17}, YP10, dCMMN12\].
specifications \[BSAL18, BENS12, PS10a, TVD10, UPR^{+18}\].
specified \[BCR11\]. Specifying \[BNS12, HL13\]. Speculation \[AC16, MGI14, MGI17\]. speculative \[BB17, YRHL13\]. speed \[HRS^{+17}, SBF^{+10}, UTO13\]. SPF’s \[PS18\].

Spi \[PS10a\]. SPIN \[ASdGMG14\]. SPL \[BTR^{+13}\]. splittable \[SLF14\]. SPOON \[PMP^{+16}\]. spot \[LMK16\]. SPUR \[BBF^{+10}\].

SQL \[FGB^{+19}, KMLS15\].

SqueakJS \[FIT^{+15}\]. SSNTDs \[VSG17\].

Stability \[BSA14, LL15\]. stabilizing \[hED12\].

Stack \[WBHN18, CDBD18, KRCH14, Xue12\].
stack-based \[KRCH14\]. stage \[WRI^{+10}\].

staged \[SC16\]. staging \[RO12\].

Stakeholders \[YMHB19\]. Standard \[WKG17, LMS^{+12}\]. Standardization \[TWNH12\].

StarL \[LM15\]. start \[WSH^{+19}\].

State \[AGR12, BLH12, MvDL12, MS14\].
PDPM\textsuperscript{+16}, RHT13, SDH\textsuperscript{+17}, SSMGD10, SABB19, SH12, TTD12, TXW\textsuperscript{+10}, THC\textsuperscript{+14}, UIY10, Vit14, YRHBL13, VK12).

T [HD17], T-matrix [HD17]. table [Tar11]. Tableau [FFF17]. Tagged [RKN\textsuperscript{+18}]. Tailoring [LZ12]. Take [Kie10]. Taking [SWU\textsuperscript{+15}]. Tales [Sew12]. talk [Piz17, Sie17]. Taming [TLL11, SC16].

Tardis [BM14]. target [Cle16]. Task [RRB19, Fee16, TWL12, ZLB\textsuperscript{+13}]. TaskLocalRandom [PPMH15]. Tasks [PPSG17, PWSG19, ST15, HAW13, PPMH15, SPF\textsuperscript{+10}]. Taurus [MAHK16].

Taxonomy [SS14]. Teaching [GLGA19, HA13, SWF12, CHM13, ZDS14]. teasing [LBFI12]. Technical [YXS\textsuperscript{+19}]. technique [SZZ\textsuperscript{+19}, SSK13]. Techniques [LMZP19, RD15, EV13, KS13].

Technologies [Fox17b, HTW14, VK12, Fox17a, HTLC10, KFFK\textsuperscript{+15}, NL14, RHT13]. technology [NED\textsuperscript{+13}]. TeJaS [LPCK14]. Template [MME14, HJS\textsuperscript{+10}]. templates [FOPZ14, AK13]. ten [HTBB16]. term [AHK\textsuperscript{+11}]. Terminating [FFF17].

Termination [BMOC12, RDCP12, BSGO12, SMP10]. Test [AGM\textsuperscript{+17}, BB12, BM18, GGZ\textsuperscript{+15}, LMZP19, MSS19, Pha18, Rim12, SPKT18, ST15, MT13, PSNS14, SR14a, SKR17].

Test-driven [BM18]. tested [Mii13]. Testing [Ame13, BR12, Hin13, McN19, MM12, MMP15, MMP\textsuperscript{+12}, CSS\textsuperscript{+16}, CNS13, KPP\textsuperscript{+18}, Ler10, SABB19, Teo12, TD15, ZBvdB\textsuperscript{+19}]. tests [AÖ11, NYCS12, SRJ15].

Textbooks [BNP16]. their [RDP16].


Thoth [KB17]. Thou [LCW18]. Thread [MGI14, BKC\textsuperscript{+13}, CRAJ10, MGI17, PCL14, PG12, SS10, WLL19, YDFF15].

Thread-Level [MGI14, MGI17]. threaded [DSEE13, JTO12, SE12, Tafl3]. threads [UR15, WLL19]. threat [BGS\textsuperscript{+13}]. threats [BGS\textsuperscript{+13}]. Three [ZMM\textsuperscript{+16}, Vit14]. Tier [WZK\textsuperscript{+19}]. TigerQuoll [BBP13]. Tim [Teo13]. Time [BVEAGVA10, BBB\textsuperscript{+17}, BLH12, DLR16, Fox17b, HTW14, JMB12, Kie10, KW11, PKPM19, Pau14, SLES15, SLE\textsuperscript{+17}, TN19, VK12, BCR13, BM14, BVGVEA10, BVGVEA11a, BVGVEA11b, BVGVEA13, BVGV14a, BVGV14b, CRAJ10, DW10, EABVGV14, Fox17a, GMNC13, GCM\textsuperscript{+13}, HTLC10, KHM\textsuperscript{+11}, KPHV11, KHL\textsuperscript{+13}, KvGS\textsuperscript{+14}, KW10, KSR14, LMK16, LTK17, MGI17, Nil12a, PS10b, PZM\textsuperscript{+10}, PSS11, Puf13, RHT13, SP10a, SPPH10, Sie10, SPS17, SH12, TTS\textsuperscript{+10}, WSH\textsuperscript{+19}, WAB\textsuperscript{+11}].

time-travel [BM14]. time-triggered [EABVGV14]. timed [LKPK19]. Times [BK16, DW10]. timing [AGH\textsuperscript{+17}, LS11]. TIMP [SLS\textsuperscript{+12}]. tiny [Xue12]. To-many [SV18]. to-one [SV18]. Tolerance [RK19]. tolerant [PZM\textsuperscript{+10}]. Tool [FMM\textsuperscript{+11}, NBB18, PQD12, SW12, SKS13, ABM12, CRAT\textsuperscript{+12}, ETR12, KSR14, LS11, TXW\textsuperscript{+10}]. Tool-supported [FMM\textsuperscript{+11}]. toolchain [MDG18, SMN\textsuperscript{+18}]. Toolkit [FBG17].

Tools [Bro12, CSZ17, CS12, CKS18, KDPG18, SMN18]. toolchain [MDG18, SMN\textsuperscript{+18}]. toolset [KvGS\textsuperscript{+14}].

top [RVP11, SGG\textsuperscript{+17}, ZMNY14]. top- [SGG\textsuperscript{+17}]. top-down [ZMNY14]. Topics [Hor11, Jen12]. topology [DDM11]. touch [MTSH16]. TouchSignatures [MTSH16].

Toy [DiP18b]. Trace [HWM14, PLECH11, SR14b, BHF\textsuperscript{+10}, HWM13, HWI12, IHWN12, WHIN11].

trace-based [BHF\textsuperscript{+10}, HWM14, HWI12, IHWN12]. Traceability [CSK12]. tracer [CZ14].

Traces [WK17, BA12, RGM13]. Tracing [BP10, DLR14, DLR16, MAK19, MRF18, MD15]. track [VSG17]. TrackEtching
[BO12, LSWM16, LX18, TJL18]. translations [UTO13]. translator [LZYP16]. Translators [WWG+18]. Transmission
[YMHB19]. Tree
[Ly12, HLO15, KMMV14, SSK13, YKA+19]. trees [RBV16]. Trends
[CC15, MSS10, SR17]. trie [SV17].
trie-based [SV17]. tries
[SV15a, SV15b, SV18]. triggered [EABV14]. triggers [FGB+19]. TRINI
[PDPM+16]. Trusted [TWNH12, BCF+14]. TUIOFX
[FBG17]. tuning
[AAB+10, BVGVEAFG11, SKB11]. Turf
[CH17]. Turing [Gri17]. Turn [HOS16]. Tutorial
[Jen12, Nil12b, PBM+19, Taf13, Zak12]. TV
[JMO14]. Twitter [Guy14]. Two
[Has12]. Type
[BO13, CGJ+16, KSW+14, KATS12, Lei17, Loc18, RKN+18, SG15, WTI11, ACS+14, AT16, BS13, CMS+12, CVG+17, DLM10, FH16, GBS14, HyG12, KMLS15, KRR+14, KRH16, KrRH14, 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, LE17, RDP16]. Types
[BO13, RV14, SPAK10, BDGS13, CHJ12, DDM11, HH13, MME+10, YDF15]. TypeScript
[Cho14, FH16, RSF+15]. Typing
[FBG17]. Ubiquitous [MCY+10]. UDP
[RR14]. ulfjack [ALB+19]. ulfjack/ryu [ALB+19]. ULS
[FOPZ14]. ultimate [BL15]. UML
[CSF+16]. unbounded [LSSD14, RGB18]. uncertain [McK16]. Unchangeable
[RL19]. Understandable [MSM+16].
Understanding
[ABC18, FRM+15, MKTD17, NWB+18, PCL14, QLS17, Set13, TABS12, VBMPD16, LWB+15, Nil12b, OD18].
Undocumented [Alt12, MHR+12]. Unified
[LM15]. uniform [AH10, Euk13]. Unifying
[Has12, MKK+12, MKK+13]. union [KT15]. uniprocessors [KDHV11]. Units
[LIL13]. universe [DDM11]. Unix
[PVB17]. Unobtrusive [GMS19]. Unpickling
[LF12]. Unrestricted [WWS13]. unsafe
[MMP+15]. unsound [AT16]. Updates
[YHMB19, PKC+13]. Upper
[SW12]. Upsortable
[SGG+17]. uprees
[HB13]. USA
[Hol12, KP15]. usability
[FH16, MHR+12, WA19]. Usage
[OAC18, RC17, PTF+15, QLS17]. Use
[BGK17, Guy14, MMP+15, AMWW15, MKTD17, PBHM13, Sch13]. use-case
[AMWW15]. used [XR10]. useless
[FRC+17]. User
[Liu14, MVDL12, RKH18, SLS+12, DAA13, FMS+11, MTS16, PSNS14]. user-defined
[FMS+11]. User-guided
[RKH18]. Using
[ASdMM14, BS12, BSA14, BNE16, DLM10, GLA19, HCN14, KFBK+15, KH18, MV16, MSSK16, NBB18, Pau14,
PQD12, RC17, SDM12, SLE+17, UMP10, Wan11, WKG17, WCG+18, XMA+14, YCYC12, Zak18, BB17, Dan18, DDDF17, Del13, FH16, FOPZ14, GBS14, IvdS16, KMLS15, KT14, KC12, LGV10, Lew13, LDL14, MT13, PIR17, PLR18, Pha18, RHKN18, RA16, SadB+16, SS13, SS17, SHU16, SS19, VGS14, WLL19, WBM+10, WRI+10, XR13, ZLN18, vdMvdMV12. UT [Hol12]. utility [CSV15, XMA+10]. utilization [BCR13].


REFERENCES

[KFB+12, PKO+15, TWL12].
Work-stealing [KFB+12, TWL12].
Worst-case [SPPH10]. would [Han15]. wrap [FOPZ14]. Wrappers [MPS12].
Wright [Teo13]. Write [ASME18, HJH10]. Write-rationing [ASME18]. Writing [HOSC16, Jaf13, Mor18].
x [MSM+16]. X10 [TWL12]. Xbase [EEK+13]. XIR [TWSC10]. XML [NL14].
XSS [GGC18, GGC19, MSSK16, VS11]. Xtraitj [BD17].

yang [CBGM12]. years [BTR+13, HTBB16]. yieldpoint [LWB+15].
yin [CBGM12].

Z [SBF+10]. Z-rays [SBF+10]. Zero [ZW13].

References

Altman:2010:OTJ


Acar:2018:PCM


Accioly:2018:USS

Auerbach:2010:LJC


Altman:2010:OTJ

REFERENCES

Avvenuti:2012:JTC


Abanades:2016:DAR


Ansaloni:2012:DAO


Ahn:2014:IJP


Akai:2010:EAS


Anjo:2016:DML

REFERENCES

Aumuller:2016:OPD


Amighi:2016:PCC


Autili:2013:HAR


Allyson:2019:SOI


Almeida:2019:GPD


Esben Andreasen, Liang


Arcaini:2017:RDP


Apel:2010:CUF


Aigner:2011:STM

Martin Aigner, Thomas Hüttner, Christoph M. Kirsch, Alexander Miller, Hannes Payer, and Mario Preishuber. ACDC-JS: explo- rative benchmarking of JavaScript memory management. *ACM SIGPLAN*
Andrysco:2016:PFP

Axelsen:2013:PTD

Adams:2019:URP

Altman:2012:USM

Andreasen:2014:DSA

Ament:2013:ATG
REFERENCES


Anonymous:2018:BRS


Altidor:2014:RJG


Austin:2017:MFD


Adalid:2014:USA


Arslan:2011:JPM


Akram:2018:WRG

Afek:2012:ISJ


Alshara:2016:MLO


Ali:2010:DJB


Alon:2018:GPB

REFERENCES

Alimadadi:2018:FBP


Bradel:2012:ITJ


Brown:2017:NJP


Berglund:2019:MSJ


Boland:2012:JCC


Bonetta:2017:FJF


Basin:2017:KKV


Bebenita:2010:STB

Michael Bebenita, Florian Brandner, Manuel Fahn-
REFERENCES


REFERENCES

Bainomugisha:2013:SRP

Bettini:2017:XTJ

Barbuti:2010:AIA
Journal Wilkes Award for 2010.


**Bodden:2010:AOR**


**Barbu:2012:ARA**


**Badihi:2017:CAG**


**Biswas:2014:DES**


**Biboudis:2017:RJD**


**Burdette:2012:ECJ**

Philip F. Burdette, William F. Jones, Brian C. Blose, and Gregory M. Kapfhamer. An empirical comparison of Java remote communication primitives for intranode data transmission. *ACM SIGMETRICS Pers-


Bodden:2012:PEF


Barr:2014:TAT


Bouraqadi:2018:TDD


Bell:2015:VFB


Brockschmidt:2012:ATP


Balland:2014:ESP


Boldi:2018:BMC

Paolo Boldi, Andrea Marino, Massimo Santini, and Sebastiano Vigna. BUbiNG: Massive crawling for the


REFERENCES


**Bellia:2013:JST**


**Bruno:2017:NPG**


**Barabash:2010:TGC**


**Bender:2019:FJC**


**Bluemke:2012:DTJ**


**Bogdanas:2015:KJC**


**Brandt:2014:DAS**

Siegmund Brandt. *Data analysis: statistical and computational methods for scientists and engineers*. Springer-Verlag, Berlin,


Salah Bouktif, Houari Sahraoui, and Faheem Ahmed. Predicting sta-

**Bastani:2018:ALP**


**Bonetta:2016:GSM**


**Brachthauser:2018:EHM**


**Brockschmidt:2012:ADN**


**Bodden:2013:SLS**


**Bultan:2018:SCA**

REFERENCES

SFENDP. ISSN 0163-5948 (print), 1943-5843 (electronic).


REFERENCES


[Briggs:2017:COI]

[Cao:2012:YYP]
Chaikalis:2015:FJS


Cosentino:2012:MDR


Ceccato:2015:LSE


Chen:2011:MJP


Christophe:2018:ODA

REFERENCES

Chisnall:2017:CJS


Ceccato:2010:MLD


Coppolino:2019:CAE


Cecchi:2011:SJG


Carter:2013:SSA


Chandra:2016:TIS

Satish Chandra, Colin S. Gordon, Jean-Baptiste Jeannin, Cole Schlesinger, Mann Sridharan, Frank Tip, and Youngil Choi. Type inference for static compilation

**Chamberlain:2017:PLR**


**Chadha:2018:JAS**


**Chugh:2012:DTJ**


**Carro:2013:MDA**


**Chapman:2016:HSH**


**Cogumbreiro:2015:DDV**


**Cogumbreiro:2019:DDV**

Chong:2014:CCT


Campbell:2013:ICC


Chen:2017:CLP


Chen:2019:ESL


Cordeiro:2018:BJV


Canino:2017:PAE

[CL17] Anthony Canino and Yu David Liu. Proactive and adaptive energy-aware programing with mixed typechecking. *ACM SIGPLAN Not-
Clerc:2016:OJJ


Costa:2010:RMN


Castro:2017:JLC


Chang:2012:IOT


Celik:2019:DIA


Choi:2013:GGT

Wontae Choi, George Nec-

**Clifford:2014:AFB**


**Clifford:2015:MMD**


**Chatterjee:2015:QIA**

[CPV15] Krishnendu Chatterjee, Andreas Pavlogiannis, and Yaron Velmer. Quantitative interprocedural analy-


**Curley:2010:RDT**


**Cote:2012:JPS**


**Chalin:2010:TIG**

Patrice Chalin, Robby Perry R. James, Jooyong Lee, and George Karabotsos. Towards an industrial grade IVE for Java and next generation research

**Chambers:2010:FEE**


**Ceccarello:2012:TGC**


**Cordoba-Sanchez:2016:ADS**


**Chavez:2016:ACC**


**Choi:2017:SAS**


Chaudhuri:2017:FPT


Chan:2017:DSL


Cavalcanti:2013:SCJ


Chen:2019:SVR


Caserta:2014:JTJ


Diaz:2013:LEU


Dannen:2017:IES


**Dietl:2011:SOT**


**Deitcher:2010:JEJ**


**Deitcher:2011:SPJ**


**DelRa:2013:BRJ**


**Dennis:2018:MI**


**Disney:2015:SYJ**


**Dey:2013:STA**

Akon Dey, Alan Fekete, and Uwe Röhm. Scalable transactions across heterogeneous NoSQL key-value data stores. *Proceedings of the VLDB Endowment*, 6(12):1434–1439, August


Dam:2010:PCI


Dejong:2018:MJA


DeFrancesco:2010:UAI


DeNicola:2014:FAA


Dissegna:2014:TCA


Dissegna:2016:AIB

REFERENCES

CODEN ATPSDT. ISSN 0164-0925 (print), 1558-4593 (electronic).


REFERENCES

Doeraene:2016:PIW


Bois:2013:BGV


David:2014:CMC


Daloze:2018:PDL


Dias:2013:SIP


DosSantos:2010:MPB

Eitez-Ayres:2014:CSS


elBoustani:2011:ITE


Emerick:2012:CP


Ebert:2015:ESE


Efftinge:2013:XID


Erdweg:2012:GLE

[Sebastian Erdweg, Lennart C. L. Kats, Tillmann Rendel, Christian Kästner, Klaus Ostermann, and


Esquembre:2011:TPL


Endrullis:2012:WEM


Exposito:2015:LLJ


Exposito:2012:DSJ


Eugster:2013:SUP


Evans:2013:WGJ

REFERENCES


REFERENCES


REFERENCES

Fontaine:2012:VCF


Freudenberg:2015:SMP


Flanagan:2013:PES


Fan:2018:VCJ


Feldthaus:2013:SAR


Felgentreff:2015:CBC


Fdez-Riverola:2012:JAF


Fan:2015:UCC


Fournet:2013:FAC


Feng:2015:EQD


Fritz:2017:TSA


Gherardi:2012:JV

Gerakios:2013:FIS


Gerakios:2014:RTP


Gama:2010:SAA


German:2012:MOS


Gupta:2018:HDB


Gupta:2019:CSJ

REFERENCES

ISSN 1532-0626 (print), 1532-0634 (electronic).


=Golan-Gueta:2014:ASL=


=Golan-Gueta:2015:ASA=


=Golan-Gueta:2017:ASA=


=Gligoric:2015:GCB=


=Gosling:2013:JLS=


=Gosling:2014:JLS=

Gabaruk:2019:TJO


Gejibo:2012:CIE


Gonzalez:2013:HBP


Gadyatskaya:2012:JCA


Gadyatskaya:2013:LTC


Gardner:2012:TPL

Philippa Anne Gardner,


Nasib Singh Gill and Pradeep Tomar. Modified development process of component-based software engineering. ACM SIG-
REFERENCES


81

REFERENCES

SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic).


[Han15] Stefan Hanenberg. Why do we know so little about programming languages, and what would have happened if we had known more? ACM SIGPLAN Notices, 50(2):1, February 2015. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic).
REFERENCES


[Heidegger:2012:APC] Phillip Heidegger, Annette Bieniusa, and Peter Thie-


[HD17] Prithish Halder and Himadri Sekhar Das. JaSTA-
REFERENCES


REFERENCES


**Hower:2014:HRF**


**Herhut:2013:RTP**


**Hinojosa:2013:TS**


**Hun:2012:JP**


**Hellyer:2010:LCW**


**Heidenreich:2010:GST**

REFERENCES

DEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic).


Hashmi:2012:CNI


Horie:2014:SDJ


Hollingsworth:2012:SPI


Horstmann:2011:CJA


Horne:2012:JEC


Hosking:2012:CHL


Hunt:2016:RFF


REFERENCES


Inostroza:2016:MIM


Juneau:2012:JRP


Joseph:2010:PII


JMM19


Jaer:2013:EAR


Ji:2012:PKP


James:2010:FMC


JMM19


Jaffe:2013:EAR


REFERENCES

ISSN 0163-5948 (print), 1943-5843 (electronic).

Kunjir:2017:TAM

Kim:2014:LBL

Kiselyov:2017:SFC

Kulkarni:2012:MCO

Krishnaveni:2012:HOJ

Kedia:2017:SFS

Kouzapas:2018:TPM
Dimitrios Kouzapas, Ornela Dardha, Roly Perera, and

[F Bundeskabinett:2014:BBK] 


[K Ker15] 


[Kuehnhausen:2011:AJM] 


[KFBK+15] 


[KFBK+15] 


[Knoche:2018:UML] 

Christoph Kerschbaumer, Eric Hennigan, Per Larsen, Stefan Brunthaler, and Michael Franz. Information flow tracking meets just-in-time compilation. *ACM Transactions on Architec-
Kang:2017:PSR


Kalibera:2011:FRT


Kabanov:2011:DSF


Kienle:2010:ATT


Kienle:2013:BRE


Kim:2017:TAA

Krieger:2011:AES  

Kaiser:2014:WAM  

Ko:2010:EAW  

Karakoidas:2015:TSE  

Kalibera:2014:FAS  

Kulkarni:2016:APA  

Kolling:2010:GPE  
Michael Kölling. The Greenfoot programming environment. *ACM Transactions on Computing Ed-
REFERENCES

[KP15]

[KPHV11]

[KP12]

[KPP12]

[KRP12]

[KCH14]
REFERENCES

Kedlaya:2016:SST

[KRR16]

Krishnamurthi:2012:SAJ

[Kri12]

Kedlaya:2014:ITS

[KRR*14]

Ko:2019:WSA

[KRR19]

Kaufmann:2013:SCO

[KS13]

Krebs:2014:JJB
Kroshko:2015:OPN


Kouneli:2012:MKD


Korsholm:2014:RTJ


Kashyap:2014:TRS


Keil:2014:EDA


Keil:2015:BAH

Kersten:2014:RRA


Kim:2011:MAE


Kolesnikov:2014:CPB


Kim:2010:EAE


Lin:2012:UKT


Lauinger:2018:TSD

Li:2014:MHD


Lorenzen:2016:STD


Leijen:2017:TDC


Lerner:2010:FTJ


Liu:2019:RIP


Liu:2014:JNU


Liva:2019:SDE

Giovanni Liva, Muhammad Taimoor Khan, and Martin Pinzger. Semantics-driven extraction of timed automata from Java pro-

Lewis:2013:IAP

REFERENCES


**Leino:2015:APS**


**Leung:2013:PEJ**


**Lin:2015:STU**


**Lee:2016:ECP**


**Loring:2017:SAJ**


**Long:2012:COS**

F. W. (Frederick W.) Long, Dhruv Mohindra, Robert Seacord, Dean Sutherland, and David Svoboda. *The
REFERENCES


Long:2013:JCG

Luo:2019:HDS

Leavens:2015:BSS

Lopes:2015:HSA

Lochbihler:2013:MJM

Lochbihler:2018:MTS
Andreas Lochbihler. Mechanising a type-safe model of multithreaded Java with

**Long:2010:TDSa**  

**Long:2010:TDSb**  

**Loureiro:2013:EDS**  

**Lerner:2014:TRT**  

**Lux:2011:TSD**  

**Landman:2016:EAR**  
Landman:2017:CEA


Larrucea:2018:M


Luu:2014:MCC


Leopoldseder:2016:JJT


Li:2011:JEC


Li:2014:EAJ


Laskowski:2012:DJP

Eryk Laskowski, Marek Tudruj, Ivano De Falco, Umberto Scafuri, and Ernesto Tarantino. Distributed Java

**Luckow:2017:HTP**


**Li:2018:PGC**


**Liu:2014:FFL**


**Lerner:2010:SDT**


**Lin:2015:SGU**


**Luckuck:2017:SCJ**

Lee:2010:JSD


Lu:2019:PPY


Li:2018:ATJ


Lindholm:2013:JVMa


Lindholm:2013:JVMb


Lindholm:2014:JVM


Liu:2018:JIO

Xuanzhe Liu, Meihua Yu, Yun Ma, Gang Huang,
REFERENCES


McIntyre:2012:FJB

Martinez:2017:MBA

McKinley:2016:PWU

McMillan:2011:SVM

McNerney:2019:BBB

Miyazawa:2019:SCS


REFERENCES


**Mayer:2012:ESI**


**Miller:2013:TSG**


**Malhotra:2017:PPS**


**Mazinian:2017:UUL**


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

[102x681]1539-9087 (print), 1558-3465 (electronic).


REFERENCES


REFERENCES

2867 (print), 1558-1160 (electronic).


Nakaike:2010:LER


Nourie:2010:REJ


Noller:2019:CSS


Noller:2017:SSE


Nikolic:2012:DEA


Nikolic:2013:RAP


Nicolay:2017:PAJ

REFERENCES

Nguyen:2015:FCR

Nguyen:2018:UCM

Naik:2012:AT

Omar:2017:PSF

Obaidellah:2018:SUE

Oaks:2014:JPD
REFERENCES

Ocariza:2017:SCC


Ortin:2014:RPI


Ou:2018:TUC


Oliv:2015:SDA


Ogawa:2013:RJA


Olszak:2012:RJP


JinSeok Oh, Jin woo Kwon, Hyukwoo Park, and Soo-Mook Moon. Migration
REFERENCES


**Paul:2014:RTP**


**Pascarella:2019:CCC**


**Ponzanelli:2019:AIC**


**Parnin:2013:AUJ**


**Pinto:2014:UEB**


**Philips:2017:DDD**

Laure Philips, Joeri De Koster, Wolfgang De Meuter, and Coen De Roover. Dependence-driven delimited CPS transformation

Panizo:2012:EJP


Portillo-Dominguez:2016:ECP


Pano:2018:FAL


Parker:2011:DPG


Pradel:2012:FAP


Phan:2018:TIG


Pavel Parízek and Ondřej Peklý.

Pan:2018:ASJ


Park:2014:AAS


Park:2018:SAJ


Pawlak:2016:SLI


Papadimitriou:2014:MLS


Phan:2012:SQI

Quoc-Sang Phan, Pasquale Malacaria, Oksana Tkachuk, and Corina S. Păsăreanu.

**Porter:2018:PJE**


**Poslavsky:2019:REJ**


**Passerat-Palmbach:2015:TSS**


**Pichon-Pharabod:2016:CSR**


**Pham-Quang:2012:JAD**


**Piedrahita-Quintero:2017:JGA**

Pablo Piedrahita-Quintero,Carlos Trujillo, and Jorge

Pironti:2010:PCJ

Pitter:2010:RTJ

Palmer:2011:BJM

Park:2012:CB

Paquin:2018:AAS

Pradel:2014:EAR
REFERENCES

CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic).


[PTRV18] Rumen Paletov, Petar


Putsch:2013:SIP


Petrashko:2016:CGL


Powers:2017:BBG


Pina:2014:RDJ


Plumbridge:2013:BPR


Pan:2017:GCF

REFERENCES


Behnam Robatmili, Calin Cascaval, Mehrdad Rezahadi, Madhukar N. Ked-


REFERENCES

Richard-Foy:2014:EHL

Radoi:2014:TIC

Roemer:2018:HCU

Richards:2011:ACJ

Ricci:2013:ETP

Richards:2013:FAC

Radoi:2015:WAR
Cosmin Radoi, Stephan Herhut, Jaswanth Sreeram,

**Ravn:2013:EIS**


**Richardson:2014:BEL**


**Rimlinger:2012:TGS**


**Roohitavaf:2019:AAF**


**Raghothaman:2018:UGP**


**Rodchenko:2018:TIE**

Ric:2010:ADB

Rodeghero:2015:ETS

Rompf:2012:LMS

Ryu:2019:TAB

Rathje:2014:FMC

Rosa:2017:ARC

Rosa:2019:AOT
Andrea Rosà, Eduardo Rosales, and Walter Binder. Analysis and optimization of task granularity
REFERENCES


REFERENCES

142


Ramos:2018:APS


Rudafshani:2017:LDD


Ramamohanarao:2017:SSM


Ryu:2016:JFB


Spadini:2019:MOT


Serbanescu:2016:DPO


Samuelson:2012:LSO

[Sam12] Pamela Samuelson. Legally speaking: Oracle v. Google:

**Spoto:2019:SII**


**Sartor:2010:ZRD**


**Smaragdakis:2013:SBP**


**Shahriyar:2014:FCG**


**Scherr:2016:AFC**


**Schmidt:2010:ERA**

REFERENCES

ISSN 1094-3641 (print), 1557-9476 (electronic).

Schultz:2010:WAJ


Schmeisser:2013:MOE


Schildt:2014:JCRb


Sluanschi:2016:AAD


Sousa:2016:CHL


Sridharan:2012:CTP


Schoeberl:2017:SCJ

Martin Schoeberl, Andreas Engelbrecht Dalsgaard, René Rydholff Hansen, Stephan E. Korsholm, Anders P. Ravn, Juan Ricardo Rios Rivas, Tórur Biskopstead.
REFERENCES


Shah:2012:AMJ

Sartor:2012:EMT

Stolee:2014:SSS

Staples:2019:SAB

Simão:2019:GWS

Serrano:2018:JAC


Simão:2012:CER


Stuchlik:2012:SVD


Steimann:2016:CRA


Siebert:2010:CPR


Siek:2017:CPT


Singer:2010:EGC


Smans:2010:AVJ

REFERENCES


Stilkerich:2015:PGA


Steele:2014:FSP


Snellenburg:2012:GJB


Shafiei:2012:MCL


Singh:2012:EPS


Santos:2018:JJV

[SMP10] Fausto Spoto, Fred Mesnard, and Etienne Payet. A termination analyzer for Java bytecode based on

Spoto:2010:TAJ


Storey:2019:SDP


Sewe:2012:NSI


Sewe:2011:CCS


Stein:2019:SAD


Stork:2014:APB


Schoeberl:2010:NRT

Martin Schoeberl and Wolf-


REFERENCES


[SRB18] Anand Ashok Sawant, Romain Robbes, and Alberto Bacchelli. On the reaction to deprecation of clients of 4 + 1 popular Java APIs and the JDK. Em-
REFERENCES

pirical Software Engineering, 23(4):2158–2197, August 2018. CODEN ES-
springer.com/article/10.1007/s10664-017-9554-9; http://link.springer.
com/content/pdf/10.1007/s10664-017-9554-9.pdf.

Samak:2015:SRT

2867 (print), 1558-1160 (electronic).

Scanniello:2017:FFC

7392 (electronic).

Sutherland:2010:CTC


ACM SIGPLAN Notices, 45 (5):233–244, May 2010. CODEN SINODQ. ISSN 0362-
1340 (print), 1523-2867 (print), 1558-1160 (electronic).

springer.com/chapter/10.1007/978-3-642-31762-1_15/.

Stefik:2013:EIP

19:??, November 2013. CODEN ???? ISSN 1946-6226.

REFERENCES

155


Xueyuan Su, Garret Swart, Brian Goetz, Brian Oliver, and Paul Sandoz. Changing engines in midstream: a

Srikanth:2017:CVU


Singh:2013:TGC


Saini:2018:CNC


Sciampacone:2010:EMS


Stone:2015:WMT


Stark:2010:BIA

REFERENCES

Sayed:2018:ITI

Santos:2013:DDS

Stefanov:2010:JP

Samak:2016:DSF

Sun:2013:BJW

Schafer:2012:CAN

Su:2014:RVP
Tzu-Hsiang Su, Hsiang-Jen Tsai, Keng-Hao Yang, Po-Chun Chang, Tien-Fu

**Subramaniam:2011:PCJ**


**Sun:2018:RAR**


**Steindorfer:2015:CSM**


**Steindorfer:2015:OHA**


**Steindorfer:2017:TSP**


**Steindorfer:2018:MOA**

REFERENCES


Savrun-Yeniceri:2014:EHI


Servetto:2010:MMC


Siegel:2011:AFV


Shen:2019:IRA


Tamayo:2012:UBD


Taft:2013:TPS

1094-3641 (print), 1557-9476 (electronic).

**Tanyalcin:2018:LVL**


**Taibi:2013:ROS**


**Tarau:2011:IST**


**Tosch:2014:SPA**


**Thomson:2015:LHB**


**Tomescu:2017:CEN**


[Tsai:2015:JPI] Chun-Jen Tsai, Han-Wen

Thiessen:2017:CTP


Tate:2011:TWJ


Tetali:2013:MSA


Tan:2017:EPP

Tian Tan, Yue Li, and Jingling Xue. Efficient and precise points-to analysis: modeling the heap by merging equivalent automata. *ACM SIGPLAN Notices*, 52(6):278–291, June 2017. CODEN SINODQ, ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic).

Terra:2013:QCC


Thakur:2019:PFP

Manas Thakur and V. Krishna Nandivada. PYE: a framework for precise-yet-efficient just-in-time analyses for Java programs. *ACM Transactions on Programming Languages and Systems*, 41(3):16:1–16:??, July 2019. CODEN ATPSDT, ISSN 0164-0925 (print), 1558-4593 (elec-
REFERENCES


Toledo:2012:AJA


Topley:2011:JDG


Toffola:2015:PPY


Taboada:2013:JHP


Taboada:2011:DEJ


Takikawa:2012:GTF

REFERENCES

Toledo:2011:ACJ

Taboada:2011:DLC

Taboada:2012:FMS

Tatsubori:2010:EJT

Torlak:2010:MCA

Tardieu:2012:WSS
REFERENCES

Toegl:2012:SSJ

Titzer:2010:ICR

Teng:2010:TPA

Urma:2015:JAL

Ugawa:2010:IRB

Ugawa:2014:ROP

Upadhyaya:2010:UDS
Gautam Upadhyaya, Samuel P. Midkiff, and Vijay S. Pai.
REFERENCES


**Uva:2018:AWJ**


**Upadhyaya:2015:EML**


**Urec:2013:MIS**


**Vilk:2014:DBB**


**Vouillon:2014:BJJ**

Jérôme Vouillon and Vincent Balat. From bytecode to JavaScript: the
References


**Vilk:2018:BAD**


**Villazon:2010:ARA**


**Villazon:2010:HCA**


**Vidal:2016:ECJ**


**Villazon:2011:CAW**


**Vidal:2016:UAE**

REFERENCES


Vidal:2018:ARB


vanderMerwe:2012:VAA


Vas:2014:MGA


Vega-Gisbert:2016:DIJ


Vikas:2014:MGA

REFERENCES

Vitek:2014:CTR

Vitek:2012:ISI

VanCutsem:2010:PDP

VanCutsem:2015:RTC

Verdu:2016:PSA

VanderHart:2010:PC

VanCutsem:2011:BBI
REFERENCES


Henry M. Walker. SIGCSE by the numbers: JavaScript. *SIGCSE Bulletin (ACM Special Interest Group on Computer Science Education)*, 44(1):8, January
REFERENCES

2012. CODEN SIGSD3. ISSN 0097-8418 (print), 2331-3927 (electronic).


Benjamin P. Wood, Luis Ceze, and Dan Grossman. Low-level detection of language-level data...

**Wang:2018:PBJ**


**Wang:2019:DEJ**


**Wilcox:2018:VVH**


**Wagner:2011:SJV**


**Wagner:2011:CMM**


**Wu:2011:RTS**

Peng Wu, Hiroshige Hayashizaki, Hiroshi Inoue, and Toshio Nakatani. Reducing trace selection footprint for large-


1544-3566 (print), 1544-3973 (electronic).

**Wendykier:2010:PCH**


**Witman:2010:TBR**


**Westbrook:2010:MJM**


**Watt:2019:WW**


**Wimmer:2019:IOS**


**Wehr:2010:JBP**


**Wehr:2011:JIT**

Stefan Wehr and Peter Thiemann. JavaGI: The interaction of type classes with interfaces and inheritance. *ACM Transactions on Programming Languages and Systems*.
REFERENCES

Wang:2018:IDG

Wurthinger:2017:PPE

Wang:2019:OTA

Wei:2016:ESD

Wang:2017:CJ

Wurthinger:2013:USD

Wu:2018:EBJ


Xu:2019:EEG


Xi:2012:MDA


Xu:2010:FLU


Xu:2014:SRB


Xuan:2017:NAR

REFERENCES

Xu:2010:DIU

Xu:2013:PML

Xue:2019:ASC

Xue:2013:AAE

Yang:2012:MPD

Yi:2015:CTC
Jacheon Yi, Tim Disney, Stephen N. Freund, and

Yang:2013:CPP


Yoo:2014:WRR


Yang:2019:MGL


Yang:2017:EJV


Yessenov:2017:DAD


Yim:2019:TFS

Keun Soo Yim, Iliyan Malchev, Andrew Hsieh, and Dave Burke. Treble: Fast software updates by creating an equilibrium in an active soft-
 REFERENCES


**Yang:2010:JIP**


**YPMM12**


**Yerima:2012:AMB**


**Yi:2015:SAC**


**Yiapanis:2013:OSR**


**Yahav:2010:VSP**


**Yan:2017:AAA**

Hua Yan, Yulei Sui, Shiping Chen, and Jingling Xue. AutoFix: an automated approach to memory leak fixing on value-flow slices for C programs. *ACM SIGAPP Applied Computing Review*,

---

*References to specific works are indicated by identifiers such as [YP10], [YPMM12], etc.*
Yue:2013:MSI [Zak10]


Yu:2018:SFN [Zak12]


Zakhour:2012:JTS [Zak18]


Zakai:2018:FPW [ZBB15]


Zheng:2015:APP
REFERENCES

Zhang:2017:ACE

Zhang:2019:DSJ

Zhang:2015:SYB

Zeuch:2019:AES

Zschaler:2014:SGJ

Zuo:2016:LOF
Zhao:2012:PTI


Zhang:2015:LOS


Zhao:2013:INT


Zacharopoulos:2017:EMM


Zheng:2016:CMD


Zhao:2013:INT

REFERENCES

Zhang:2014:AIO


Zeyda:2014:CMS


Zabolotnyi:2015:JCG


Zheng:2018:ADS


Zhang:2014:ARP


Zhou:2016:IRO

Zhang:2014:HTB


Zakkak:2014:JJM


Zibin:2010:OIG


Zerzelidis:2010:FFS


Zhu:2013:EAZ


Zhu:2015:APL


Zhao:2014:CSP

REFERENCES

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