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 [GBC12, JEC+12, ZXL16]. $C_p$ [AÖ11]. $k$ [SD16b, SGG+17]. $Z_p$ [AÖ11].

-safety [SD16b].

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

'12 [Hol12].


5 [KHR11].

6 [Jen12].

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

8 [LYBB14, SAdB+16, UFM15].

938 [Gun14]. 978-1-4493-1103-2 [Bro12].


Bringing breakpoints [PS12]. Bridging [PVB17].

Broken [dGRdB+15]. Browser [MSSK16, PVB17, FIP+15, VB14a, WGW+11, YK14].

Browsers [HLSK13]. Browsix [PVB17].

Budget [GM12], buffered [DLZ+13].


Building [Sta10, HWW+15]. Business [CCA+12].

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C [BB12, CDG+17, GBC12, NED+13, SRTR17, Sta10, ZWSS15]. C/C [BB12]. C/C [NED+13]. CA [KP15]. cache [IN12, ZP14]. caches [NGB16].

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capo [SMSB11]. capturing [BKC+13].

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City [Hol12]. Class [BS13, NCS10, HC10, MHM10, SC16, TSD+12]. Classes [Aud14, WT11, CZ14, SZ10, TSD+12, VBDPM16].

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clustered [PDP+16]. clusters [TRTD11].

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collecting [AHK+11].

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[SLF14]. generic
[DDM11, Fer13, HH13, ZPL+10, eBH11]. generics
[AS14, Gri17, PBMH13]. Genetic
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[YCYC12]. GeoGebra
[ABK+16]. geosciences
[MCY+10]. German
[Sch13]. get
[Ame13]. Getaway
[SLES15, SEL+17]. Gets
[BH12]. getters
[Mi13]. Getting
[GTM14]. Giga
[DHS15]. Giga-scale
[DHS15]. glimpse
[SP16]. Global
[PE11]. Global-Scale
[PE11]. Gloataran
[SLS+12]. go
[LWB+15]. Goldilocks
[EQT10]. Good
[dGRdB+15]. Google
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[PQTGS17]. GPGPU-accelerated
[PQTGS17]. GPU
[PKO+15]. GPUs
[Hos12]. grade
[CRJ+10]. Gradual
[RSF+15, SFR+14, TSD+12]. grained
[DRN14]. grammars
[GN16, SHU16]. granularity
[CZ14]. Graph
[dMRH12, BS13]. Graphical
[SLS+12]. Graphics
[Cec11, LLL13]. graphs
[AdCGGH16, DSEE13, JWMC15, PUL016]. green
[BRGG12]. Greenfoot
[Kööl10]. grid
[SVG12, VWJB10, MZC16b]. Gridifying
[MZC16b]. grounded
[EV13]. Growing
[EKR+12]. growth
[LDL14]. guarantees
[JWMC15, ZHCB15]. GUI
[CNS13, VGS14, WBA+11]. GUI-awareness
[VGS14]. Guide
[Ame13, Oak14, Rau14, Top11]. Guided
[CNS13, GY16, PSNS14, SSH17]. Guidelines
[GGZ+15, HLSK13].

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[KW11, ECS15, HWM14, KW10, WK12]. happened
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[TD15]. happens-before
[TD15]. hard
[Puf13]. Hardware
[SKKR11, SPS17, CBGM12, IN12, SE12]. hardwired
[OYU+13]. hash
[SV15a, SV15b]. hash-array
[SV15b]. hashing
[GRF11]. HDFS
[IRJ+12]. HDL
[OUY+13]. heap
[CSV15, LDL14, TLX17, Tar11, VYy10, YS10, BVGV10]. heap-manipulating
[YS10]. Helping
[RT14]. Hera
[MS10]. Hera-JVM
[MS10]. Heterogeneous
[ASV+16, HBB+14, Rub14, AYZI10, ABCR10, DFR13, MS10]. Heterogeneous-race-free
[HHB+14]. heuristics
[LMK16]. Hidding
[RBL12]. hierarchy
[BS13]. High
[GSS+16, Hol12, IRJ+12, MSM+16, SWU+15, WN10, Zak10, BRWA14, Hos12, RFB14, TTD+11, VWJB10, WWH+17, TRE+13]. high-level
[Hos12, RFB14, VWJB10]. High-Performance
[WN10, GSS+16, BRWA14, TTD+11, WWH+17]. higher
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[KT15]. highly
[BP10, SSP+10]. history
[DRN14]. Hoare
[SD16b]. Holistic
[MAHK16]. HOP
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IaaS [ZLHD15]. identification

[BZD17, FMS+11]. Identifier [SRTR17].

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[NG12]. Inheritance

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[Ame13, HKVG14, Sch10a]. integrity

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[LFB12]. Interface

[LIN14, MvDL12, SLS+12, AYZ10, MT14, LT11, LT14].

Interfaces [WT11, Cho14, DLM10, LWH+10, PSNS14, WT10]. interference

[YDF+15]. International [Hol12, KP15].

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Java [MZC10b, MHC10, MA12, MB12, MCY+10, MUS10, MT14, MDHS10, NM10, NCS10, NS12, Nil12a, Nil12b, NG13, Oak14, OOK+10, OMK+10, OIA+13, OUY+13, OW16, OJ12, OCFL14, PS11, PTM11, PML14, PTH14, PL12, PiLCH11, PBM13, PPM15, PMP+16, PQD12, PVH14, PFT+15, PS10, PDP+16, P11, Puf13, PKC+13, QLS17, RD15, RDC12, RTE+13, RTET15, RR14, RS12, RHT13, R+13, RBL12, RAS16, RSI12, Rey13, Res12, RVP11, RB15, RV14, SB14+1, SE12, SRTR17, SS12, Sch14, Sch13, Sch10a, SPHP10, SKKR11, Sch10b, SSMGD10, SZ10, Set13, SMS11, SMS+12, SM12, SW12, SGV12, SKBL11, SD16a, SJP10, SLS+12, S14, SP10b, SMP10, SPP+10, SWB+15, SBB1, SBB14b, SPS17, SS+14, STS+13, SWF12, TRTD11, TTD+11, TTD12, TRE+13, TLL11, TWX+10, TWH12, T15, U15].

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meets [KHL+13]. Memento [CPST15].

memoization [TPG15].

Memory [JYKS12, MSMM+16, SS14, AHK+11, AHK+15, AGGZ10, BSMB16, CWW13, DLZ+13, DLV13, FC11, FF10, GYB+11, HHH+14, HB13, KHL+17, KCP+17, KB17, Loc13, MSM+10, Ni12b, OMK+10, RW17, SMS+12, SMN+12, SWB+15, SV15a, Tar11, TVD10, WGZ+11, XR13, ZP14, ZHCB15]. MemSAT [TVD10]. Mergesort [LL15].

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 [DLV13]. MetaFJig [SZ10].

meta-heuristics [DDDF17].

metaprogramming [PS11]. Method [AC16, BVGVEAFG11, GD12, AST12, AJL16, HMDE12, SS16, VBMDP16].


Metriken [Sch13]. Microscopic [RXK+17].

Middleware [RTE+13, HOKO14, HWLM11, MZC10b].

Middleware [IF16, MT14].

middleware [IF16, MT14].

migrating [RXK+17].

Migrating [AST+16].

Migration [OwKPM15, Fee16].

Miniboxing [UTO13].

minimal [CNS13].

mining [DRN14]. Mint [WR+10].

minute

Model
CDG17, CCA12, DLR16, JYKS12, MSM16, MCC17, MV16, BYGVEA11a, CHM13, CWW13, CV14, DLZ13, GY16, HAW13, Loc13, LSSD14, MSM10, PSS11, RR14, RBV16, RAS16, RDF15, SMN12, SSG14, VWJB10, ZP14, ZXL16.


Models
PE11, ZLCW14, AGR17, HHB14, TVD10. modern

modernization [Nil12a]. Modular
IvdS16, LN15, RDCP12, MRA17, RO12.

Modularisation
SDM12. modularity [SPA10]. module [KR12]. Modules
Pilch11. monad [GSD15]. MongoDB [Guo17].

Monitoring
AGR12, DJLP10, ES14, KF11. Monitors
BLH12, HM12. mori [CPST15].

movement [NCS10]. MPI


[TO12, RTE13, DSEE13, Fee16, FC11, GSS16, IHWN12, MS10, Puf13, SE12, SKBL11, TRTD11, Tar11, WRI10].


Multi-threaded [TO12, DSEE13, SE12]. multi-version [FC11]. Multicore


[AF12, ASF17, HLSK13, CSV15, DD13]. multiplexing [BVGVEAG11].

Multiprocessing [VGS14]. multiprocessor [PS10, PWA13, SPS17]. Multiprocessors [KW11, RS12].

Multithreaded

Mutagenic [YCYC12]. mutators [AHK11].

Names [SRTR17]. Native

[JQJ16, LT11, LT14, KFBK15, STS13]. Natural [LL15]. naturalness [HGB16].

NDetermin [BENS12]. nested

[CHM16, ZLB13]. Netflix [Liu14].

network [RR14]. Networking [Hol12].

Networks [AFGG11, ETR15].

neuromorphic [HNTL12]. next [CRJ10].

No [BVGVEA10]. No-Heap [BVGVEA10].

NoCs [PWA13]. Node [HC11, BJBK12].

Node.js [BSMB16, MTL15, Ano14]. nodes [DRN14]. Nominal [BO13]. No

[BVGVEA11b, BSOG12, GGZ15, YKM17, MZC10a, OMK10, ZP14].

Non-Adequate [GGZ15]. non-cache-coherent [ZP14].

Non-functional [BVGVEA11b].

non-intrusively [MZC10a]. Non-Java [YKM17, OMK10].

Non-termination [BSOG12]. Nonblocking [RTET15, SP10a].

Nondeterministic [RB15, BENS12]. noninterference [IF16].

NoSQL [DFR13]. Notation [Sev12a]. Novel

[NK10, MZC10b]. November [Hol12].

Novice [BA17]. Novices [RT14].

null [AT16]. NullPointerExceptions [BSOG12].

NUMA [GTS15]. NumaGIC [GTS15].

number [PPMH15, SLF14]. Numbers

[Jaf13, AJL16, Wall12]. Numerical

[KS15, KFBK15, PQTGS17]. NXT
Obfuscated [KCD12]. obfuscation [CCFB15]. obfuscations [CSK17]. Object [CSGT17, GS11, NWB+15, PTHH14, PiLCH11, Sev12a, SW12, AST+16, BZD17, DDFD17, FMBH15, Ivdi16, MME14, MHBO13, RDF15, UJR14, VM10, WM10, ZCdSOvdS15, Zha12, ZDS14, hEYJD12].

Object-Bounded [NWB+15].

Object-constraint [FMBH15].

Object-Oriented [GS11, PTHH14, AST+16, DDDF17, MHBO13, VM10, ZDS14, hEYJD12].

Objective [Sta10]. Objective-C [Sta10].

Objects [BS12, MHL15, SK13, WXR16, BVGVEA10].


on-the-fly [UJR14]. ones [AST+16].

Online [NG13, HCV17, NK10]. only [NM10]. Ontology [KSPK12]. OoOJava [JhED11].

Open [BSA14, GD12, CJ17, VGRS16].

Open-Source [BSA14]. OpenJDK [CHM16, dGrdB+15]. OpenMP [VGS14].


operations [TABS12]. Operator [PQD12]. opportunities [TPG15]. Optimal [AD16, SK12, ELW15]. optimale [Sch13].

optimisation [PPS16]. optimistic [WGF11].

Optimization [LTD+12, YKM17, AFG+11, BDB11, DDFD17, JMO14, KS13, KC12, NG12].

Optimizations [DR10, BB17, CPST15, DS16, NG13, SADB+16]. Optimizing [SV15b, YRHL13, HWW+15, KRH16, MD15, ZLBF14].

optional [CMS+12].

Oracle [LMS+12, Sam12]. ORB [OUY+13].

Order [SGD15, JhED11, KT15, TD15].

ordering [KC12]. Orders [BNE16].

ordinary [MZC10a]. O’Reilly [Bro12].


Over-exposed [VBDPM16].

overhead [BCR13, ZHCB15, ZFK+16].


PaaS [ZLHD15]. Package [SLS+12, CRAT+12, MB12, OW16, AK13].

Packages [PiLCH11]. Paper [DDDF17, DPDM+16, SV15a].

Papers [DV13, HL13, LMK16, Puf13]. Parallel [DS16, Esq11, LLL13, MKG+17, NKH16, QSaS+16, RD15, RS12, BP10, BPB13, BSMB16, CRP+10, NG12, NG13, PPMH15, Sie10, SZ11, TTD12, Tafl3, VY10, WN10].

Parallelisation [GS11].

Parallelism [NKH16, BENS12, HHSS13, MZC10a, RHSD15, TWL12, ZLB+13].

parallelization [SS16, YRHL13].

parallelize [LPA13]. Parallelizing [NKH16, hEYJD12]. parameters [GBS14].

Parametric [AGGZ10, PULO16, UTO13].


Partially [BLH12, BCR11].

Partitioning [AD16, BS12]. party [FOFZ14, LGV10]. passing [ETTD12, TRTD11, TTD12, UR15].

Path [SGD15, DD13, HHSS13, SMP10].

path-length [SMP10]. Path-Sensitive [SGD15].

Pathfinder [RR14]. pattern [GSD+15, SADB+16].

patterns [BVGVEA11b, Ste10].

PayPal [Ano14].

PCR [YCYC12]. PCR-RFLP [YCYC12].

PE [JB12]. PE-KeY [JB12].

application [LBF12]. C [NED+13].

HTM [CHM16].

join [MZC10a]. JSP [Sch10b].
multi-threaded [TaF13], perceptible [JH11]. Perfect [SLE+17]. Performance [CCH11, DR10, GBC12, Hol12, HJ12, MSM+16, Oak14, OCFLI14, QSaS+16, TRE+13, TPG15, THC+14, WI10, ACS+14, AAB+10, BRGG12, BRWA14, CBGM12, Dei11, GSS+16, HWI+12, IRJ+12, JH11, ODL15, PSNS14, SE12, TTD+11, TXW+10, WHIN11, WHW+17, Zak10].


Platform [AFGG11, PE11, BD17, CRJ+10, GMC+13, MKZ+14, PWA13, YP10]. Platforms [DR10, Has12, BP10, JMO14, KSR14].


Proactive [CL17]. PROB [YP10]. Probabilistic [RBV16, GY16, ZWZ+14]. Problem [YHY13, ZW13, J+12, KC12].


Processor [TKL+15, Ptf13, SPPH10, SM+12]. Processors [ASV+16, MKG+17]. producers [DAA13].


profilers [MDHS10]. profiling [DD13, JH11, KRH16, NK10, RCB17, SSB+14a, STY+14, THC+14, XR13, ZBB15].

Program [KKW14, RVK15, RT14, ZKB+16, AO11, DS16, GMS12, HCN14, JLL17, JWMC15, KMI10, KZMN16, MKZ+14, NS13, Sch10a, SPY+16, TABS12, WGF11, ZMG+14].

Programmable [OA17, AYZI10]. Programmers [Esq11, Rau14].

Programming [AFGG11, ABMV12, BCR11, Bro12, BA17, DLPT14, HWM11, HGCA11, Kö10, KSPK12, LM15, McK16, PTML11, RSI12, RB15, SS13, Sub11, Alt12, AMWW15, BCvC+13, BMR14, BSMB16, BRWA14, CL17, ECG12, EV13, FMBH15, Han15, HA13, Hav11, Lew13, MSMA+10, OW16,
PTF$^{+15}$, RVP$^{11}$, RFBJ$^{14}$, SNS$^{+14}$, SGG$^{+17}$, TB$^{14}$, UFM$^{15}$, VWJB$^{10}$, VBAM$^{10b}$, Wam$^{11}$, WR$^{+10}$, WBA$^{11}$, ZWSS$^{15}$.

Programs [AGR$^{12}$, BH$^{17}$, BR$^{12}$, BMOG$^{12}$, GS$^{11}$, JB$^{12}$, LTD$^{+12}$, SS$^{12}$, SDM$^{12}$, ZLCW$^{14}$, ASdIMGM$^{14}$, AdCGGH$^{16}$, BA$^{12}$, BNS$^{12}$, DJLP$^{10}$, ECS$^{15}$, ES$^{14}$, EP$^{14}$, Fer$^{13}$, HL$^{13}$, IN$^{12}$, LO$^{15}$, LPA$^{13}$, MRMV$^{12}$, NG$^{12}$, OJ$^{12}$, PL$^{12}$, RR$^{14}$, RAS$^{16}$, RL$^{10}$, SMS$^{+12}$, SZ$^{11}$, SJP$^{10}$, SHU$^{16}$, Taf$^{13}$, YS$^{10}$, dCMMN$^{12}$, hEYJD$^{12}$].

Programs [AGR$^{12}$, BH$^{17}$, BR$^{12}$, BMOG$^{12}$, GS$^{11}$, JB$^{12}$, LTD$^{+12}$, SS$^{12}$, SDM$^{12}$, ZLCW$^{14}$, ASdIMGM$^{14}$, AdCGGH$^{16}$, BA$^{12}$, BNS$^{12}$, DJLP$^{10}$, ECS$^{15}$, ES$^{14}$, EP$^{14}$, Fer$^{13}$, HL$^{13}$, IN$^{12}$, LO$^{15}$, LPA$^{13}$, MRMV$^{12}$, NG$^{12}$, OJ$^{12}$, PL$^{12}$, RR$^{14}$, RAS$^{16}$, RL$^{10}$, SMS$^{+12}$, SZ$^{11}$, SJP$^{10}$, SHU$^{16}$, Taf$^{13}$, YS$^{10}$, dCMMN$^{12}$, hEYJD$^{12}$].

Progress [ZHCB$^{15}$].

Project [Wan$^{11}$].

Projects [ZMM$^{+16}$, CJ$^{17}$].

Projekte [Ric$^{14}$].

Prolog [CMM$^{17}$, Tar$^{11}$].

Proof [LL$^{15}$].

Proofs [BMOG$^{12}$].

propagation [IvdS$^{16}$, PQTGS$^{17}$].

Properties [BO$^{11}$, RVK$^{15}$, SS$^{12}$, FWDL$^{15}$, SD$^{16b}$, YS$^{10}$].

Protecting [MPS$^{12}$].

Protein [YHY$^{13}$].

Protocol [GM$^{12}$, FGR$^{12}$].

prototyping [PWA$^{13}$].

Providing [OW$^{16}$].

proving [AGH$^{+17}$, Taf$^{13}$].

Proxies [VM$^{10}$, Eug$^{13}$, KT$^{14}$].

PSE [KS$^{15}$].

pseudorandom [PPMH$^{15}$, SLF$^{14}$].

pure [SS$^{16}$].

Purely [RS$^{12}$, NFV$^{15}$].

Purely-Declarative [RS$^{12}$].

purely-functional [NFV$^{15}$].

Python [Ric$^{14}$].

Quality [BNP$^{11}$, CCFB$^{15}$, WKJ$^{17}$].

Quantitative [CP$^{15}$, GYB$^{+11}$, MRA$^{+17}$].

queries [GK$^{15}$, MRA$^{+17}$, SGG$^{+17}$].

query [FWDL$^{15}$].

query- [FWDL$^{15}$].

questions [KM$^{10}$].

Quicksort [AD$^{16}$].

R [KMM$^{14}$, NL$^{14}$, SL$^{+12}$, Vit$^{14}$].

Race [EP$^{14}$, RD$^{15}$, EQT$^{10}$, HHH$^{+14}$].

race-aware [EQT$^{10}$].

races [FF$^{10}$, WCG$^{14}$, XXZ$^{13}$].

Racket [YK$^{14}$].

racy [SR$^{15}$].

Range [BS$^{12}$].

rapid [PWA$^{13}$].

rays [SBF$^{+10}$].

RCDC [DNB$^{+12}$].

RDMA [ETR$^{+15}$, IRJ$^{+12}$].

RDMA-based [IRJ$^{+12}$].

RDMA-enabled [ETR$^{+15}$].

re [NCS$^{10}$].

re-location [NCS$^{10}$].

Reachability [NS$^{13}$].

reactive [BCvC$^{+13}$].

read [NM$^{10}$].

read-only [NM$^{10}$].

Reading [Jaf$^{13}$].

real [NCS$^{10}$].

real-time [OUY$^{+13}$].

Reasoning [LN$^{15}$, ABK$^{+16}$].

Recas [BIvdS$^{17}$].

recipes [J$^{12}$].

recompilation [NED$^{+13}$].

Reconfigurable [OUY$^{+13}$, STY$^{+14}$, OIA$^{+13}$].

reconstruction [LSW$^{16}$].

Recovering [CRAJ$^{10}$].

Reducing [MV$^{16}$, WHIN$^{11}$].

Reduction [BO$^{12}$, TD$^{15}$].

redundant [HLO$^{15}$].

Refactoring [AS$^{14}$, ZHL$^{+12}$, FMM$^{+11}$, FM$^{13}$].

Reference [Sch$^{14}$, UJR$^{14}$, HMDE$^{12}$].

refinement [GY$^{16}$, JLP$^{+14}$, KSW$^{+14}$, ZMG$^{+14}$, ZFK$^{+16}$].

Reflections [SP$^{+10}$].

regions [AC$^{10}$].

register [ZY$^{+12}$].

register-based [ZY$^{+12}$].

Regression [MM$^{12}$].

regular [PIR$^{17}$].

Reified [GBS$^{14}$].

Reim [HMDE$^{12}$].

ReImInfer [HMDE$^{12}$].

relation [TD$^{15}$].

relational [MLGA$^{11}$].

relationship [SH$^{12}$].

relaxed [DNB$^{+12}$, KHL$^{+17}$, PPS$^{16}$].

relaxed-memory [KHL$^{+17}$].

Release [Ano$^{14}$].

reliability [HWLM$^{11}$].

relying
Remote [BVGVEA10, BVGV14a, BJBK12, GSD+15, BVGV1FG1], removal [MRMV12, WGF11], removing [PLR14], rename [FM13], repair [MDS+17, SHU16], repeatability [Vit14], replacement [BCD13], Replay [BH12], replication [CJ17, UIY10], replication-based [UIY10], report [CBLF12, Sch10a], Reports [OW16], repository [HC10], reproducibility [Vit14], reproduction [SR14b], requirements [AGGZ10], ResAna [KvGS+14], Research [TRE+13, CRJ+10, CBFLD12, Rub14, VBMDP16, Vit14], Resource [BVGV14a, ADI13, ES14, KvGS+14, KSR14, SVG12], resource-aware [SGV12], resource-based [ADI13], responsive [SP+10], responsiveness [PSNS14], restart [CNS13], Retention [ZMM+16], Rethinking [Xuc12, RCR+14], retrofitted [TTS+10], retrofitting [LPGK14], reusable [HC10, MME14], reuse [WR10], Reverse [CCA+12], Review [Bro12], Revisited [Me14, Gon11], rewriting [HLO15], RFID [AYZ10], RFLP [YCYC12], richer [CV14], rigor [Vit14], Rigorous [AGR17], risk [MPM+15], River [HHSS13], RJ [OW16], Road [RXK+17, SWU+15], Robotic [LM15], Robots [SWF12], Robust [VM15, MKZ+14, SVG12, VM10], row [Lei17], row-typed [Lei17], RTSJ [ZW10], Rubah [PVI14], rule [QLBS17], Rules [CCA+12, HLO15], run [WAB+11], run-time [WAB+11], Running [HC11, TWX+10, YK14], runs [FIF+15], Runtime [BLH12, MAHK16, MSS10, NWB+15, OCFL14, XMA+14, BRGG12, EQT10, GTL+10, GSS+16, LMK16, MS10, OOK+10, PKC+13, RO12, STY+14, TWSC10, VBAM10a, YRHB13, dCMMN12], runtimes [BM14, CSV15, RCR+14, WWH+17], Safe [Eug13, GvRN+11, JTO12, MPS12, RSF+15, SWB+15, WAB+11, HJS+10, HAW13, KHR11, KMLS15, KCP+17, Loc13, RDP16, WWS13], Safety [RS12, WCB16, ZLCW14, AGR17, GCM+13, Nil12b, PG12, SD16b, Taf13, YS10, CWW13, HL13, LW17, W12], Safety-Critical [WCB16, ZLCW14, RS12, AGR17, CWW13, LW17], Salespoint [ZDS14], Salt [Hol12], SAM [BO13], San [KP15], Sane [MPS12], Satin [VW10], SAW [CFH+13], Scaffold [RT14], Scala [SMS+12, AT16, Hin13, Lew13, PTL11, SMS11, SMS+12], Scala-Based [PTML11], Scala.js [DS16], Scalability [CCH11, AAB+10, DSEE13, GTSS11], Scalable [BS12, DFR13, GGRSY17, HC11, JQJ+16, RRK+17, RER+13, XMA+14, ETDD12, FC11, GGRSY15, NFV15, PR17, RTET15, TTD12], ScalaLab [PTML11, PMTL14], scalar [PQTG17], Scale [BA17, PE11, DHS15, LO15, MDS+17, MCY+10, PTF+15, WHIN11], SCAL [DLPT14], scenarios [AMWW15, Sch13], Scheduler [QSS+16, IF16, TW12], scheduler-independent [IF16], Scheduling [ASV+16, BVEAGV10, KPHV11, EP14, EAVGV14, ZW10], scheme [XHH12], SCISM [PZM+10], Science [HW11, VF10, SVG12], sciences [NL14], Scientific [Eqn11, PTML11, WN10, FRGPLF+12, PMLT14], scientists [Bra14], SCORM [HC10], Scrap [ZCSD2v15], Script [MSK16], Scripting [CST17, KKK+17, HBT12, KRR+14, PMLT14, Zha12], SE [LYBB14], Seamless [OwKPM15], Search [SED14, DDFD17], searching [ETR12], Second [HD17], secrets [Alt12], section [DTLM14], sections [NM10], Secure [GMP12, GM12, ABFM12, LMS+12, TLM13], securely [SFR+14], Security [CDG+17, Gon11, HBS16, JWMC15, MCC17], Seemingly [Has12], selection [WHIN11], Self

Semantics-based [SPY14, MT14, PSR15, PPS16, ZHCB15].

Semantics-preserving [AK13]. Semi [FM13, MRMV12].
semi-automated [MRMV12].

Semi-automatic [FM13].

Sensitivity [SGD15, HWM13, LMK16].
sensitivity [HB13].

Sensor [AFGG11].

Separability [WRI10].
Separating [DDM11, AC10].

Separation [TWSC10].
sequence [ZWZ14].
Sequent [FFF17].

sequential [BENS12, DMS11].

serialization [MHBO13].
Seriously [Kie10].

Server [HC11, KRH16, D’H12, Dei11, HWLM11, R+13].

Server-Side [HC11, KRH16, D’H12].

Service [BVEAGVA10, SDM12, EABVGV14, HWLM11, KF11].

service-oriented [EABVGV14].

services [MZC10b].
Session [FGR12].
Set [SBK13].
Set-based [SBK13].

sets [SP10b].
setters [Mil13].

setting [BDGS13].

Settings [GM12].

ShadowVM [MKZ+14].
shape [GMT14].

shared [BSMB16].
shared-memory [BSMB16].

sharing [PKO+15].

Short [AHK+11, SV15a, Zak12].
Short-term [AHK+11].

ShortCut [CSGT17].

Side [HC11, D’H12, KRH16].

SIGCSE [Wal12].

Signatures [DR10].

significance [FMS11].

simpA [RVP11].

Simple [BO11, BO12, KCP+17, BVGV14b, MSM+10].

Simplicity [Dei11].

Simulating [LM15].

Simulation [HWLM11, KKW11, XZL16].

Simulation-based [HWLM11].

simulations [MCY+10].

Simulator [MKG+17, RXK+17].

Sinking [CDG+17].

site [CPST15, SSB+14a].
sites [OOK+10].

size [AST12, UTO13].
sizing [CSV15].

skills [JACS10].

Slicing [XMA+14].

Slimming [WGF11].

Smaller [GS12].

smalltalk [FIF+15, HKVG14].

Smart [GMP12].

Smartcard [RBL12].

Smartphones [RT14].

SMARTS [RXK+17].
nsnapshots [AST12].

Snippets [SWU+15].

SNP [YCYC12].

SoC [TKL+15].

soft [JACS10].

Software [BSA14, Wan11, YQTR15, BTR+13, CBGM12, CFH+13, CJ17, DVL13, FRGPLF+12, FC11, HBG+16, JhED11, LPA13, MHR+12, NGB16, OIA+13, RAS16, SV17, XR13, YRHB13, ZKK13, ZHCB15, ZDS14].

Solution [KS15, J+12].

Solving [SED14, FMBH15].

Sound [BO13, LE16, BHSB14, ELW15, PPMH15].

soundly [BS13].

Source [BSA14, GD12, SRTR17, SED14, AK13, CJ17, DRN14, FMS+11, OJ12, PMP+16, ZWSS15].

source-to-source [AK13].

sources [IN12].

spatial [MLGA11].

Speaking [Rau14, Sam12].

Special [DV1L13, HL13, HGCA11, Puf13, HTLC10, RHT13, HTW14, VK12].

specialization [KRR+14, SV15a].
specific [Csl16, EK+13, HWW+15].

Specification [GJS+13, GJS+14, IF16, KW11, LN15, LYBB13a, LYBB13b, LYBB14, TWNH12, BVGV1A11a, BCF+14, KR12, KW10, MRA+17, YP10, dCMNN12].
specifications [BENS12, TVD10].
specified [BCR11].

Specifying [BNS12, HL13].

Speculation [AC16, MG17].
speculative [BB17, YRHB13].
speed [HRS+17, SBF+10, UTO13].

SPIN [ASdMGM14].
SPL [BTR+13].

splittable [SLF14].

SPOON [PPM+16].

spot [LMK16].

SPUR [BBF+10].

SQL [KMLS15].

SqueakJS [FIF+15].

SSNTDs [VSG17].

Stability [BSA14, LL15].

stabilizing [hED12].

stack
Standardization [TWNH12, StarL [LM15]. State [AGR12, BLH12, MvDL12, MS14, GN16, YP10]. state- [YP10]. statecharts [MS13]. statement [PLR14, ZWSS15]. statements [PLR14].

Static [BNE16, JC10, MTL15, OLF15, PiLCh11, RD15, SW12, SH12, AM14, CGJ+16, Fer13, FLL+13, IF16, KSW+14, LS11, MHR+12, PIR17, TLMM13].

statically [BTR+13, NED+13]. statistical [Bra14, ZFK+16]. statistically [PPMH15].


streaming [MRA+17, STCG13].

StreamJIT [BRWA14]. StreamQRE [MRA+17]. streams [SGG+17, UFM15].


Structures [GT10, XMA+10]. Studio [RT14, FH16]. Studio-Based [RT14].

Study [ZMM+16, BRGG12, CCFB15, CJ17, ECS15, KFBK+15, MHR+12, NCS10, OMK+10, PTF+15, SH12, VBDP16, WX16, YW13].

style [UFP15]. substitute [PPMH15].

substrate [GTL+10]. subtypes [HL13].


Superblock [KS13]. Supercharged [Cec11, GBS13]. Superposition [HD17]. supervenience [Rez12]. Support [CSGT17, KKK+17, BCGVE13, DVL13, GMC+13, Hos12, NGB16, SNS+12].


SurveyMan [TB14]. surveys [TB14]. suspension [TWL12]. sweeping [KBL14].

Sweeten [DFHF15]. Swift [ZZY+12].

SWIM [Sch10a]. symbol [Tar11].


Synchronous [BVEAGVA10, SK12]. syntactic [LE16, QLS17]. Syntax [SSS13, KMMV14].


systematic [TD15]. Systems [BSA14, BNE16, CCH11, DLPT14, Fox17, HTW14, JMB12, LM15, RTE+13, SLES15, SLE+17, AT16, DW10, FH16, HD17, HWI+12, HTLC10, LPGK14, MHR+12, MAH12, OIA+13, PDP+16, RHT13, SSSG10, SH12, TTD12, TX+10, THC+14, UIY10, Vit14, YRHL13, VK12].


Technologies [Fox17, HTW14, VK12, HTLC10, KFBK+15, NL14, RHT13]. technology [NED+13]. TeJaS [LPGK14].

Template [MME14, HJS+10]. templates
TypeScript [Cho14, FH16, RSF+15].
Typing [FZ17, RSF+15, SFR+14, TSD+12].

Ubiquitous [MCY+10]. UDP [RR14]. ULS [FOPZ14]. undefined [LSSD14].
Uncertain [McK16]. Understandable [MSM+16]. Understanding [FRM+15, PCL14, QLBS17, Set13, TABS12, VBMDP16, LWB+15, Nil12b].


u-User [PSNS14]. user-defined [FMS+11]. Using [ASDGGM14, BS12, BSA14, BNE16, DLM10, HCN14, KFBK+15, MV16, MSSL16, Pau14, PQD12, SDM12, SLE+17, UMP10, Wan11, XMA+14, YCYC12, BB17, DDFDF17, FH16, FOPZ14, GB14, Ivd16, KMS15, KT14, KC12, LG10, Lew13, LDL14, PIR17, RAS16, SAAd+16, SSH17, SHU16, VGS14, WBM+10, WRI+10, XR13]. UT [Hol12]. utility [CSV15, XMA+10].

utilization [BCR13].

v [Sam12]. V8 [MGI17]. Validating [HLSK13]. Validation [SSB14b, CSDL16, HCV17, SSB01]. value [DFR13]. variables [NS13]. Verifiable [FHSR12]. Verification [KKW14, KP15, RAS16, SS12, SSB14b, CHMY15, DLM10, HCV17, PSW11, S11, SJP10, SSH17, SSB01, dCMNN12].


via [DMS11, GGRSY15, GGRSY17, Hos12, HB13, JWM15, LSWM16, SS16]. view [Guy14]. violations [LTZ14, PG12, RDF15].

Virtual [BZD17, LYBB13a, LYBB13b, LYBB14, PTHH14, PQD12, SSB+14a, Sch13, Set13, SMSB11, SGV12, SSB01, SSB14b, UR15, Amet13, CBLFD12, KRC14, NK10, RCB17, SSMGD10, WGF11, WHY+13].


Vulnerabilities [MS14].


WebCL [KFBK+15]. Websites [KCD12]. well [EV13]. well-grounded [EV13].

WETSUIT [ETR12]. Whalesong [YK14]. whole [DS16]. whole-program [DS16].


Withers [Lyo12]. without [FMBH15, IN12, KFB+12, SS12, Sta10, WHIN11]. Word [SRTR17]. Work [KFB+12, PKO+15, TWL12].
REFERENCES

Work-stealing [KFB+12, TWL12].
workbench [CFH+13]. world
[CIAD13, McK16, STS+13]. Worst
[SPPH10, dGRdB+15]. Worst-case
[SPPH10]. would [Han15]. wrap [FOPZ14].
Wrappers [MPS12]. write [HJH10].
Writing [Jaf13].

x [MSM+16]. X10 [TWL12]. Xbase
[EEK+13]. XIR [TWSC10]. XML [NL14].
XSS [MSSK16]. Xtraitj [BD17].
yang [CBGM12]. years [BTR+13].
yieldpoint [LWB+15]. yin [CBGM12].

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

References

[E. Altman, M. Arnold, R. Bordawekar, R. M. De-
monico, N. Mitchell, and P. F. Sweeney. Observa-
tions on tuning a Java enterprise application for per-
formance and scalability. IBM Journal of Research and De-
velopment, 54(5):2:1–2:12, ????. 2010. CODEN IB-
MJAE. ISSN 0018-8646 (print), 2151-8556 (elec-
tronic).]

[Abanades:2016:DAR]

Miguel Abánades, Francisco Botana, Zoltán Kovács,
Tomás Recio, and Csilla Sólyom-Gecse. Development of automatic reason-
ing tools in GeoGe-
bra. ACM Communica-
tions in Computer Alge-
bra, 50(3):85–88, September
2016. CODEN ???? ISSN
1932-2232 (print), 1932-
2240 (electronic).

[AUERBACH:2010:LJC]

Joshua Auerbach, David F.
Bacon, Perry Cheng, and Rodric Rabbah. Lime: a Java-compatible and syn-
thesizable language for hetero-
geous architectures. ACM SIGPLAN Notices, 45
CODEN SINODQ. ISSN
0362-1340 (print), 1523-
2867 (print), 1558-1160
(electronic).

[Abanades:2016:DAR]

Marco Avvenuti, Cinzia Bernardeschi, Nicoletta De
Francesco, and Paolo Masci.
JCSI: a tool for checking secure information flow in Java Card applications. The Journal of systems and
software, 85(11):2479–2493,
November 2012. CODEN JSSODM. ISSN 0164-1212
(print), 1873-1228 (elec-
tronic). URL http://
www.sciencedirect.com/
science/article/pii/S0164121212001513.

[Ansaloni:2012:DAO]

Danilo Ansaloni, Walter Binder, Philippe Moret, and Alex Villazón. Dynamic aspect-oriented program-
ing in Java: The Hot-
Wave experience. Lecture
AKAI:2010:EAS


Anjo:2016:DML


Ahn:2014:IJP


Aumuller:2016:OPD


Amighi:2016:PCC


Autili:2013:HAR

Marco Autili, Paolo Di Benedetto, and Paola Inverardi. A hybrid approach for

*Austin:2012:MFD*


*Arnold:2011:A0J*


*Aiello:2011:JBA*


*Albert:2010:PIM*


*Antonopoulos:2017:DIS*


*Arcaini:2012:CCM*

Paolo Arcaini, Angelo Gar- gantini, and Elvina Riccobene. CoMA: Conformance monitoring of Java programs by abstract state machines. *Lecture Notes in Computer Science*, 7186:
Arcaini:2017:RDP

Paolo Arcaini, Angelo Gar- 
gantini, and Elvinia Ric- 
cobene. Rigorous develop- 
ment process of a safety- 
critical system: from ASM 
models to Java code. In- 
ternational Journal on Soft- 
ware Tools for Technol- 
gy Transfer (STTT), 19 
CODEN ????. ISSN 1433-2779 (print), 1433- 
2787 (electronic). URL 
http://link.springer. 
com/accesspage/article/ 
10.1007/s10009-015-0394- 
x; http://link.springer. 
com/article/10.1007/s10009- 
015-0394-x.

Apel:2010:CUF

Sven Apel and Delesley 
Hutchins. A calculus for 
uniform feature composi- 
tion. ACM Transactions on 
Programming Languages 
and Systems, 32(5):19:1– 
19:33, May 2010. CODEN 
ATPSDT. ISSN 0164-0925 
(print), 1558-4593 (elec- 
tronic).

Aigner:2011:STM

Martin Aigner, Andreas 
Haas, Christoph M. Kirsch, 
Michael Lippautz, Ana 
Sokolova, Stephanie Stroka, 
and Andreas Unterweger. 
Short-term memory for self- 
collecting mutators. ACM 
SIGPLAN Notices, 46(11): 
CODEN SINODQ. ISSN 
0362-1340 (print), 1523- 
2867 (print), 1558-1160 
etronic). ISMM ’11 con- 
gen conference proceedings.

Aigner:2015:AJE

Martin Aigner, Thomas 
Hütter, Christoph M. Kirsch, 
Alexander Miller, Hannes 
Payer, and Mario Preishuber. 
ACDC-JS: explorative bench- 
marking of JavaScript mem- 
ory management. ACM SIGPLAN 
Notices, 50(2):67–78, Febru- 
ary 2015. CODEN SIN- 
ODQ. ISSN 0362-1340 
(print), 1523-2867 (print), 
1558-1160 (electronic).

Andrysco:2016:PFP

Marc Andrysco, Ranjit 
Jhala, and Sorin Lerner. 
Printing floating-point num- 
bers: a faster, always cor- 
correct method. ACM SIG- 
PLAN Notices, 51(1):555– 
567, January 2016. CODEN 
SINODQ. ISSN 0362-1340 
(print), 1523-2867 (print), 
1558-1160 (electronic).

Axelsen:2013:PTD

Eyvind W. Axelsen and 
Stein Krogdahl. Pack-

**Altman:2012:USM**


**Andreasen:2014:DSA**


**Ament:2013:ATG**


**Ashrov:2015:UCB**


**Andersen:2014:PLJ**


**Anonymous:2014:RKS**


Akram:2016:BPG


Amin:2016:JST


Ali:2010:DJB


Boland:2012:JCC


Bonetta:2017:FJF

[BBF+10] Michael Bebenita, Florian Brandner, Manuel Fahn- 
drich, Francesco Logozzo, Wolfram Schulte, Nikolai Tillmann, and Herman Venter. SPUR: a trace-
based JIT compiler for CIL. *ACM SIGPLAN Notices*, 45(10):708–725, Oct-
ober 2010. CODEN SIN- 
ODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic).

[BBP13] Daniele Bonetta, Walter Binder, and Cesare Pau-
tasso. TigerQuoll: paral-

with partially specified ag-
gragates in Java. *Computer Languages, Systems 
and Structures*, 37(4):178– 
192, October 2011. CODEN ????. ISSN 1477-8424 (print), 1873-6806 (elec-
tronics). URL http://
REFERENCES

www.sciencedirect.com/science/article/pii/S1477842411000169


reprint/53/6/679; http://www.oxfordjournals.org/our_journals/computer_journal/wilkes_award.html. This article is the winner of The Computer Journal Wilkes Award for 2010.

Burnim:2012:NIN

Barbu:2012:ARA

Badihi:2017:CAG

Biswa:2014:DES

Biboudis:2017:RJD

Burdette:2012:ECJ


REFERENCES

Brockschmidt:2012:ATP

Balland:2014:ESP

Brown:2016:HBS

Borstler:2011:QEI

Burnim:2012:SCS

Bellia:2011:PJS

Bellia:2012:ERT
REFERENCES

ISSN 0169-2968 (print), 1875-8681 (electronic).

Bellia:2013:JST


Barabash:2010:TGC


Bluemke:2012:DTJ


Bogdanas:2015:KJC


Brandt:2014:DAS


Bhattacharya:2012:DLI


Brown:2012:BRF

REFERENCES


REFERENCES

**Basanta-Val:2011:NFI**


**Basanta-Val:2013:JRA**


**Basanta-Val:2011:FTM**


**Bourdykine:2012:LAM**


**Briggs:2017:COI**


**Carlisle:2011:WCB**


**Cao:2012:YYP**

Ting Cao, Stephen M. Blackburn, Tiejun Gao,

Chevalier-Boisvert:2012:BSH


Cosentino:2012:MDR


Chen:2011:MJP


Chisnall:2017:CJS

REFERENCES


Cecco:2011:SGJ

Carter:2013:SSA

Chandra:2016:TIS

Chugh:2012:DTJ

Carro:2013:MD

Chapman:2016:HSH

Cogumbreiro:2015:DDV
Tiago Cogumbreiro, Raymond Hu, Francisco Martins, and Nobuko Yoshida.


Chalin:2010:TIG


Chambers:2010:FEE


Cordoba-Sanchez:2016:ADS


Choi:2017:SAS


Chawdhary:2017:PES

Chen:2016:CDD


Cameron:2015:JFE


Cazzola:2014:JBR


Caserta:2014:JTJ


Diaz:2013:LEU


Cavalcanti:2013:SCJ


daCosta:2012:JSL

[dCMMN12] Umberto Souza da Costa, Anamaria Martins Moreira,
REFERENCES


Dhawan:2012:EJT


DeSg12

[DDDF17]


DeBeukelaer:2017:ECP


DeLia:2013:BLP


Deitcher:2010:JEJ

REFERENCES

April 2011. CODEN LI-JOFX. ISSN 1075-3583 (print), 1938-3827 (electronic).

Disney:2015:SYJ


Dey:2013:STA

Akon Dey, Alan Fekete, and Uwe Rohm. Scalable transactions across heterogeneous NoSQL key-value data stores. Proceedings of the VLDB Endowment, 6(12):1434–1439, August 2013. CODEN ????. ISSN 2150-8097.

degouw:2015:OJU


DHondt:2012:ISS


Dolby:2012:DCA


Dietrich:2015:GSE


Dietrich:2016:WJD

Jens Dietrich, Kamil Jezek, and Premek Brada. What

<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>[DLZ+13]</td>
<td>Delphine Demange, Vincent Laporte, Lei Zhao, Suresh Jagannathan, David</td>
</tr>
</tbody>
</table>


Sébastien Doeraene and Tobias Schlatter. Parallel incremental whole-program optimizations for Scala.js. *ACM SIGPLAN Notices*, 51(10):59–73, October 2016. CODEN SINODQ. ISSN 0362-1340 (print), 1523-
REFERENCES

Bois:2013:BGV

David:2014:CMC

DosSantos:2010:MPB

Estevez-Ayres:2014:CSS

elBoustani:2011:ITE
openurl.asp?genre=article&
issn=1388-3690&volume=
24&issue=1&spage=3.

**Emeric:2012:CP**


**Ebert:2015:ESE**


**Erdweg:2012:GLE**


**Erdweg:2015:SOI**


**Eslamimehr:2014:RDS**

Mahdi Eslamimehr and Jens Palsberg. Race directed scheduling of concurrent programs. *ACM SIG-
REFERENCES


Elmas:2010:GRA


Erdweg:2014:FEL


Eichelberger:2014:FRM


Esquembre:2011:TPL


Endrullis:2012:WEM


Exposito:2015:LLJ


Exposito:2012:DSJ

Roberto R. Expósito, Guillermo L. Taboada, Juan Touriño, and Ramón Doallo. Design

**Eugster:2013:Sup**


**Evans:2013:Wgj**


**Foley-Bourgon:2017:EIC**


**Fernandes:2011:Lfs**


**Feeley:2016:CML**


**Ferrara:2013:GSA**

P. Ferrara. A generic static analyzer for multithreaded Java programs. *Software — Practice and Experience,*
REFERENCES

Flanagan:2010:AMD


Ferrari:2017:JJF


Femminella:2012:EJC


Fogus:2011:JC


Fischer:2016:EIE


Forth:2012:RAA

REFERENCES

3-642-30023-3; http://www.springerlink.com/content/978-3-642-30023-1


Fontaine:2012:VCF


Freudenberg:2015:SMP


Felgentreff:2015:CBC


Flanagan:2013:PES


Feldthaus:2013:SAR


Feldthaus:2011:TSR


**Frantzeskou:2011:SUD**


**Fu:2014:FDC**


**Fan:2015:UCC**


**Fournet:2013:FAC**

REFERENCES

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


**Golan-Gueta:2015:ASA**


**Golan-Gueta:2017:ASA**


**Gligoric:2015:GCB**


**Gosling:2013:JLS**


**Gosling:2014:JLS**


**Gvero:2015:SJE**

REFERENCES

Gejibo:2012:CIE


Gonzalez:2013:HBP


Gadyatskaya:2012:JCA


Gardner:2012:TPL


Gadyatskaya:2012:JCA


Gong:2011:JSA

[Gon11] Li Gong. Java security architecture revisited. *Com-
REFERENCES

Grossschadl:2012:EJI


Gramoli:2015:MTY


Grec:2011:JGE


Gill:2012:SFJ


Gill:2015:RMD

Andy Gill, Neil Sculthorpe, Justin Dawson, Aleksander
Eskilson, Andrew Farmer, Mark Grebe, Jeffrey Rosenbluth, Ryan Scott, and James Stanton. The remote monad design pattern. ACM SIGPLAN Notices, 50(12):59–70, December 2015. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic).

Grimmer:2016:HPC


Goodrich:2010:DSA


Geoffray:2010:VSM


Gidra:2011:ASG


Gunther:2014:ACC

ACMSCU. ISSN 0098-3500 (print), 1557-7295 (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


**REFERENCES**

**Heidegger:2012:APC**


**Hsiao:2010:EST**


**Hughes-Croucher:2011:NRS**


**Horstmann:2013:CJF**


**Hsiao:2014:UWC**


**Hammer:2017:VOV**


**Halder:2017:JSV**


Hans Hower, Blake A. Hechtman, Bradford M. Beckmann, Benedict R.

Herhut:2013:RTP


Hinojosa:2013:TS


Hunt:2012:JP


Hellyer:2010:LCW


Heidenreich:2010:GST


Hlopko:2014:ISJ

Marcel Hlopko, Jan Kurs, Jan Vraný, and Claus Gittinger. On the integration of Smalltalk and Java. *Science*
REFERENCES


Haddad:2013:SIP

Hague:2015:DRC

Herczeg:2013:TFF

Herranz:2012:VIP

Huang:2012:RRC

Hashmi:2012:CNI
Horie:2014:SDJ


Hollingsworth:2012:SPI


Horstmann:2011:CJA


Horstmann:2012:JEC

[Hor12] Cay S. Horstmann. Java for everyone: compatible with Java 5, 6, and 7.

Hosking:2012:CHL


Haas:2017:BWS


Higuera-Toledano:2010:ISI

[HTLC10] M. Teresa Higuera-Toledano, Doug Locke, and Angelo Corsaro. Introduction to special issue on Java technologies for real-time and


Islam:2012:HPR


Inostroza:2016:MIM


Juneau:2012:JRP


Joseph:2010:PII


Jaffer:2013:EAR


Ji:2012:PKP


James:2010:FMC

Perry R. James and Patrice Chalin. Faster and more complete extended static checking for the Java modeling language. Jour-


Jagannathan:2014:ARV


Jung:2012:EJA


Jung:2014:HCO


Javed:2016:TSJ


Johnsen:2012:SLM


Johnson:2015:EES

Andrew Johnson, Lucas Waye, Scott Moore, and Stephen Chong. Exploring and enforcing security guarantees via program dependence graphs. *ACM SIG-
REFERENCES


[KC12] Sameer Kulkarni and John Cavazos. Mitigating the

**Krishnaveni:2012:HOJ**


**Kedia:2017:SFS**


**Kereki:2015:JAW**


**Kuehnhausen:2011:AJM**


**Kumar:2012:WSB**


**Khan:2015:UJW**


**Kerschbaumer:2013:IFT**


**Kang:2017:PSR**


**Kalibera:2011:FRT**


**Kabanov:2011:DSF**


**Kienle:2010:ATT**


**Kim:2017:TAA**

Krieger:2011:AES


Kaiser:2014:WAM


Ko:2010:EAW


Karakoidas:2015:TSE


Kalibera:2014:FAS


Kulkarni:2016:APA

REFERENCES


Kedlaya:2014:ITS


Kaufmann:2013:SCO


Krebs:2014:JJB


Kroshko:2015:OPN


Kouneli:2012:MKD


Korsholm:2014:RTJ

Stephan E. Korsholm, Hans Søndergaard, and Anders P. Ravn. A real-time Java tool chain for resource con-


Kim:2011:MAE


Lin:2012:UKT


Li:2014:MHD


Lorenzen:2016:STD


Leijen:2017:TDC


Lerner:2010:FTJ


Lewis:2013:IAP

Mark C. Lewis. *Introduction to the art of programming using Scala*. Chapman and Hall/CRC textbooks in computing. CRC Press, 2000 N.W. Corporate Blvd., Boca Raton,


REFERENCES


Leavens:2015:BSS

Lopes:2015:HSA

Lochbihler:2013:MJM

Loureiro:2013:EDS

Lerner:2014:TR

Lux:2011:TSD

Luu:2014:MCC
Loi Luu, Shweta Shinde, Prateek Saxena, and Brian Demsky. A model counter for constraints over unbounded strings. *ACM SIG-
References


Leopoldseder:2016:JJT

Li:2011:JEC


Li:2014:EAJ


Laskowski:2012:DJP


Liu:2014:FFL


Lerner:2010:SDT

Lin:2015:SGU


Luckcuck:2017:SCJ


Lee:2010:JSD


Lindholm:2013:JVMa


[Lindholm:2013:JVMb]


Lindholm:2014:JVM


Lyon:2012:JTW


[McLane:2010:UIV] Jonathan C. McLane, Walter Czech, David A. Yuen,


**Miller:2013:IPG**

**Matsakis:2015:TOJ**

**McGachey:2010:CJC**

**Mayer:2012:ESI**

**Miller:2013:TSG**

**Malhotra:2017:PPS**
REFERENCES

Marek:2014:SRC

Martinez-Llario:2011:DJS

Mirshokraie:2012:JJA

Markstrum:2010:JDP

Martin:2014:TCR

Mastrangelo:2015:UYO
710, October 2015. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic).


REFERENCES


Marz:2016:RPC


Mesbah:2012:CAB


Mateos:2010:ANI


Mateos:2010:MJN


Nasseri:2010:CMR


Nuzman:2013:JTC

Newton:2015:ALF


Noll:2012:IDO


Noll:2013:OFD


Nunez:2016:PGC


Nilsen:2012:RTJ


Nilsen:2012:TOU


Namjoshi:2010:NOP


REFERENCES

1523-2867 (print), 1558-1160 (electronic).

[Naik:2012:AT]

[Omar:2017:PSF]

[Oaks:2014:JPD]


[Olive:2015:SDA]

[Ogawa:2013:RJA]

[Olszak:2012:RJP]
Andrzej Olszak and Bo Nørregaard Jørgensen. Remodularizing Java programs for improved locality of feature implementations in source code.


REFERENCES

ISSN 1539-9087 (print), 1558-3465 (electronic).

Parnin:2013:AUJ

Pinto:2014:UEB

Philips:2017:DDD

Portillo-Dominguez:2016:ECP

Parker:2011:DPG

Pradel:2012:FAP


[PMP+16] Renaud Pawlak, Martin Monperrus, Nicolas Petit-

**Papadimitriou:2014:MLS**


**Passerat-Palmbach:2015:TSS**


**Pichon-Pharabod:2016:CSR**


**Pham-Quang:2012:JAD**


**Piedrahita-Quintero:2017:JGA**

Pablo Piedrahita-Quintero, Carlos Trujillo, and Jorge Garcia-Sucerquia. JDiffraction: a GPGPU-accelerated JAVA library for numerical propagation of scalar wave fields. *Computer Physics Communications*, 214(??): 128–139, May 2017. CODEN CPHCBZ. ISSN 0010-
REFERENCES

Pitter:2010:RTJ


Palmer:2011:BJM


Park:2012:CB


Pradel:2014:EAR


Park:2015:KCF


Pour:2011:MBD

REFERENCES


Bobby Powers, John Vilk, and Emery D. Berger. Browsix: Bridging the gap between Unix and the browser. ACM SIGARCH
REFERENCES

Pina:2014:RDJ


Plumbridge:2013:BPR


Pizlo:2010:SFT


Qiu:2017:USR


Qian:2016:EFS


Rayns:2013:CJS


Behnam Robatmili, Calin Cascaval, Mehrdad Re-shadi, Madhukar N. Kedlaya, Seth Fowler, Vra-jesh Bhavsar, Michael We-
Muscariot, and Ben Hardekopf. 

MuscauJS: rethinking layered dynamic web runtimes. 

*ACM SIGPLAN Notices*, 49 (7):77–88, July 2014. CO- 

DEN SINODQ. ISSN 0362- 

1340 (print), 1523-2867 (print), 1558-1160 (elec- 

tronic).

---

**Radoi:2015:ETS**

Cosmin Radoi and Danny Dig. Effective techniques for static race detection in Java parallel loops. 

*ACM Transactions on Software Engi- 


---

**Ramirez-Deantes:2012:MTA**

D. Ramírez-Deantes, J. Cor- 

reas, and G. Puebla. Modular termination analysis of Java bytecode and its application to phoneME core libraries. 

*Lecture Notes in Computer Science*, 6921: 


springer.com/chapter/10.1007/978-3-642-27269- 

electronic.

---

**Rhodes:2015:DDO**

Dustin Rhodes, Tim Dis- 

ney, and Cormac Flana- 

gan. Dynamic detection of object capability viola-

---

**Reynders:2016:GSB**

Bob Reynders, Dominique Devriese, and Frank Piessens. Generating safe boundary APIs between typed ED- 

SLs and their environments. 

*ACM SIGPLAN Notices*, 51 (3):31–34, March 2016. CODEN SINODQ. ISSN 0362- 

1340 (print), 1523-2867 (print), 1558-1160 (elec-

tronic).

---

**Reynolds:2013:MJB**

Mark C. Reynolds. Modeling the Java Bytecode Verifier. 

*Science of Computer Programming*, 78(3):327– 

342, March 1, 2013. CODEN SCPGD4. ISSN 0167- 

6423 (print), 1872-7964 (electronic). URL http:// 


---

**Rez:2012:JS**

Juan Rolando Reza. Java supervenience. 

*Computer Languages, Systems 

and Structures*, 38(1):73– 

97, April 2012. CODEN ???? 

ISSN 1477-8424 (print), 1873-6866 (elec-

tronic). URL http://
REFERENCES

www.sciencedirect.com/science/article/pii/S1477842411000182

Richard-Foy:2014:EHL

Radoi:2014:TIC

Richards:2011:ACJ

Ricci:2013:ETP

Richards:2013:FAC

Radoi:2015:WAR
REFERENCES


REFERENCES


REFERENCES


[SAdB16] V. Serbanescu, K. Azadbakht, F. de Boer, C. Nagarajagowda, and B. Nobakht. A design pattern for optimizations in data intensive applications using ABS and
REFERENCES


REFERENCES

CODEN LIJO FX. ISSN 1075-3583 (print), 1938-3827 (electronic).

Schmeisser:2013:MOE


Schildt:2014:JCRb


Sluanschi:2016:AAD


Sousa:2016:CHL


Sridharan:2012:CTP


Shah:2012:AMJ


Subercaze:2017:UPT


Simao:2012:CER


Stuchlik:2012:SVD


Steimann:2016:CRA


Siebert:2010:CPR


Singer:2010:EGC

Smans:2010:AVJ


Shan:2012:OAC


Salkeld:2013:IDO


Singer:2011:GCA


Schoeberl:2011:HAL


Stilkerich:2017:PGU


Stilkerich:2015:PGA

Isabella Stilkerich, Clemens Lang, Christoph Erhardt, and Michael Stilkerich. A


**Stork:2014:APB**


**Schoeberl:2010:NRT**


**Spoto:2010:MSL**


**Serrano:2016:GH**


**Steimann:2010:TMI**


**Spring:2010:RAI**

Jesper Honig Spring, Filip Pizlo, Jean Privat, Rachid Guerraoui, and Jan Vitek. Reflexes: Abstractions for integrating highly responsive tasks into Java applications. *ACM Transactions on Embedded Com-


REFERENCES


REFERENCES


[Santos:2013:DDS]


[Subramaniam:2011:PCJ]


[Steindorfer:2015:CSM]


[Sun:2013:BJW]


[Stefanov:2010:JP]


[Samak:2016:DSF]

[Sub:2014:RVP]
REFERENCES

ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). [SWB+15]

**Steindorfer:2015:OHA**


**Steindorfer:2017:TSP**


**Siek:2012:FDT**


**Stancu:2015:SEH**


**Szweda:2012:ANB**


**Simon:2015:STH**


REFERENCES


REFERENCES


TOFFOLA:2015:PPY


TOFFOLA:2015:PPY

Taboada:2013:JHP


Taboada:2011:DEJ


Taboada:2011:DEJ

Takikawa:2012:GTF


Taboada:2013:JHP

Toledo:2011:ACJ


Taboada:2013:JHP

Taboada:2011:DLC

Guillermo L. Taboada, Juan Touriño, Ramón Doallo, Aamir Shafi, Mark Baker, and Bryan Carpenter. Device level communication libraries for high-performance computing in Java. *Concurrency and Computation: Practice and
REFERENCES


**Taboada:2012:FMS**


**Tatsubori:2010:EJT**


**Toegl:2012:SSJ**


**Titzer:2010:ICR**

REFERENCES


(Teng:2010:TPA) Teng:2010:TPA


(Uurma:2015:JAL) [Uurma:2015:JAL]


(UMP10) [UMP10]

(Upadhyaya:2010:EML) [Upadhyaya:2010:EML]

(Upadhyaya:2010:UDS) [Upadhyaya:2010:UDS]


(Urma:2015:JAL) [UIY10]


(UJR14) [UIY10]


(Upadhya:2010:UDS) [Upadhya:2010:UDS]

REFERENCES

Urec:2013:MIS

Vilk:2014:DBB

Vouillon:2014:BJJ

Villazon:2010:ARA

Villazon:2010:HCA

Villazon:2011:CA
REFERENCES

Vidal:2016:UAE


VanLoan:2010:ITC


Vega-Gisbert:2016:DIJ


Vikas:2014:MGA


Vitek:2014:CTR


Vitek:2012:ISI

Jan Vitek and Tomas Kalibera. Introduction to the


REFERENCES


REFERENCES


**Wood:2014:LLD**


**Wagner:2011:SJV**


**Wagner:2011:CMM**


**Wu:2011:RTS**


**Wimmer:2013:MAV**


**Wellings:2012:AEH**

REFERENCES

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

Wade:2017:AVJ

Wimmer:2010:AFD

Wendykier:2010:PCH

Witman:2010:TBR

Westbrook:2010:MJM

Wehr:2010:JBP

Wehr:2011:JIT

[Wurthinger:2017:PPE]

[WZdSOS17]

[XHH12]

[XMA+10]
1523–2867 (print), 1558–1160 (electronic).

**Xu:2014:SRB**


**Xu:2010:DIU**


**Xu:2013:PML**


**Xue:2012:RJC**


**Xie:2013:AAE**


**Yang:2012:MPD**


**Yi:2015:CTC**

Jaehoon Yi, Tim Disney, Stephen N. Freund, and Cormac Flanagan. Co-

Yang:2013:CPP


Yoo:2014:WRR


Yang:2017:EJV


Yessenov:2017:DAD


Yang:2010:JIP


Yi:2015:SCC

REFERENCES

Yiapanis:2013:OSR

Yaha:2010:VSP

Zakas:2010:HPJ

Zakhour:2012:JTS

Zheng:2015:APP

Zhang:2015:SYB
REFERENCES


Zhao:2013:INT


ZHANG:2014:AIO


Zeyda:2014:CMS


Zabolotny:2015:JCG


Zhang:2014:ARP


Zhou:2016:IRO

Minghui Zhou, Audris Mockus, Xiujuan Ma, Lu Zhang, and Hong Mei. Inflow and retention in OSS communities with commercial in-

Zhang:2014:HTB


Zibin:2010:OIG


Zerzelidis:2010:FFS


Zhu:2013:EAZ


Zhu:2015:APL

Zhao:2014:CSP


Zhang:2016:NVC


Zhang:2013:IMF


Zhang:2012:SRB