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]. $Z_p$ [AÖ11].

-safety [SD16b].

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

'12 [Hol12].
Architectures
[KKK+17, ABCR10, Hos12, MS10, ZP14], arena [TRE+13], Arquillier [Ame13].
array [SV15b], arrays [SBF+10], arrows [FZ17], art [Lew13]. ASM [AGR17].
Aspect
[ABMV12, VBAM10b, VBMA11, WBA].
Aspect-Oriented
[ABMV12, VBAM10b, WBA]. AspectJ [AC10]. aspects [LVG10]. Assertion
[MM12]. Assertion-Based [MM12].
Assertional [LL15]. assertions [VYY10].
Assessing
[GTSS11, JACS10]. assignment [KT15]. AST [DRN14, HWW+15, ZLB14].
asymmetric [CBGM12]. asymptotic [ODL15]. Asynchronous
[KW11, SK12, WK12, FZ17, KW10].
atomic [WAB+11]. Atomicity
[GGRSY17, JLP+14, BHSB14, BNS12, GGRSY15, UMP10]. atomics [PPS16].
Attack [BH12]. Attacks [MSK16].
annotation [DDA13]. authentication
[XHH12]. authorship [FMS+11]. auto
[SKBL11]. auto-tuning [SKBL11].
automata [ZWZ+14]. Automated
[BH17, BSOG12, BMOG12, MS14, RGEV11, SD12, AsdMGM14, MRMV12].
Automatic [GGRSY14, GGRSY15, GGRSY17, KW11, PQD12, SZ11, SD16a, SJPS10, WM10, ABK+16, FM13, PG12].
automatically [TB14]. Autonomic
[DLPT14]. Autonomous [GMPS12].
average [LDL14]. avoid [XR10]. avoids
[PPS16]. Aware [JYKS12, BBX13, EQT10, SSB+14a, SGV12]. awareness
[VGS14]. axiomatic [TVD10].

B [DLZ+13]. back [Car11]. Backstage
[PS11]. Bad [dGRdB+15]. baggage
[KFB+12]. balances [FMHB15]. balancing
[PDPM+16]. Ball [DD13]. barrier
[CHMY15, VB14a]. barriers
[HHJH10, WBM+10]. Based
[AFGG11, DLR16, GM12, GGZ+15, LTD+12, MvDL12, MM12, PTML11, PiLCH11, PE11, RBL12, RT14, SGD15, SLS+12, SWF12, AYZI10, AST+16, ADI13, BBF+10, BBP13, CJ17, CPST14, CPST15, GMC+13, HWM14, HW1+12, HOKO14, HWLM11, HWIN12, IRJ+12, JEC+12, JMO14, KATS12, KS13, KRC14, KvrHA14, KS14, MR12, MCY+10, PDP+16, PSW11, SZ11, SBK13, SMP10, SNS+14, UIY10, VSG17, XHH12, YP10, ZYZ+12]. basic [CZ14]. basic-block
[CZ14]. basics [Zak12]. basierte [Ric14]. battlefield [WT10]. Bayesian [BSA14].
BeagleBone [Ric14]. before [TD15].
begone [MRM12]. behavior
[LWB+15, RLBV10, TABS12, WXR16].
Behavioral [LN15, AMWW15]. behaviors
[PCL14]. behaviour [SMS+12]. Beliefs
[BA17]. Benchmark [GBC12, SMSB11].
benchmarking [AHK+15]. benchmarks
[KHM+11, RGEV11]. benefit [HH13]. best
[Sch13]. Better [Bro12, TD15]. Between
[PVB17, ZLHD15, CM17, RDP16, SH12].
Big [GTS+15, NWB+15, RVK15, BBX13, SSG+14, WR10]. billions [DRN14].
bindings [VGRS16]. bird [Guy14].
Birthmark [PiLCH11]. Blame
[KT15]. Bloat [MSS10, XMA+14, BRGG12, BBX13, XR10]. bloat-aware [BBX13].
block [CZ14, KBL14]. block-level [KBL14].
blocking [DW10]. Blockly [AMWW15].
Blueshell [PAW13]. boilerplate
[ZCdSOvdS15]. Book [Bro12]. Boosting
[ASV+16, AC16]. Bootstrapping
[CBLFD12]. Bottle [DSEE13]. bottlenecks
[DSEE13]. bottom [ZMNY14]. bottom-up
[ZMNY14]. boundary [RDP16]. Bounded
[NWB+15, GMD14]. Bounds
[SW12, GvRN+11]. boxes [BDGS13].
breaking [VB14a]. Breakpoint [ZW13].
breakpoints [PS12]. Bridging [PVB17].
Bringing [CV14, STS+13]. Broken
[dGRdB+15]. Browser [MSSK16, PVB17, FIF+15, VB14a, WGW+11, YK14].
Browsers [HSK13]. Browsix [PVB17].
comparisons [ADI13, BJBK12, HH13, KvRHA14, SMS+12]. Comparisons [GGZ+15].
Comparison [ADI13, BJBK12, HH13, KvRHA14, SMS+12]. Comparisons [GGZ+15].
Compartmental [WGW+11]. compatibility [DJB16, OIA+13], compatible [ABCR10, Hor12].
Compilation [DLR16, CMS+12, DLR14, FSC+13, IHWN12, JLP+14, JK13, JMO14, KS13, KHL+13, MD15, MGI17, ZBB15].
compiled [NED+13, RO12]. Compiler [JMB12, NKH16, NWB+15, BBF+10, BRWA14, CIAD13, HWM14, IHWN12, KMLS15, KS14, KC12, LSWM16, Rub14, TTS+10, TWSCL10, VB14b, ZYY+12].
compiler-compiler [KS14].
compiler-runtime [TWSC10]. compilers [Hos12, LMK16, RSB+14]. Compiling [Fee16, Hos12].
complementation [BS13]. Complete [BO13, BR15, JC10, Sch14, PSR15, RGM13].
completing [BS13]. completion [FH16]. Compliance [GD12]. compliant [MZC10a].
component [AST+16]. component-based [AST+16]. components [FOPZ14, KS14].
Composable [SS10]. Composing [EABVGV14]. Composition [SK12, AH10, SZ10, VM15].
Computer [HWM11, DNB+12, KP15]. Computing [Hol12, TWHN12, WN10, LZYP16, Rub14, TTD+11, VF10, TRE+13], con [SMSB11].
Conformance [AGR12]. Confused [BH12]. conquer [SBF+10]. conservative [SBM14].
consistency [DNB+12, FRM+15]. consistent [BCR13]. constrained [KSR14].
corpus [HCN14]. correct [AdCGGH16, AJL16, DJLP10]. Correctness [LL15, BENS12, Cho14].
cross [AMWW15, BKCC+13, GSS+16]. cross-cutting [AMWW15]. cross-language [GSS+16]. cross-thread [BKCC+13].
Crowdsourcing [BH17]. Cryptography [GPT12]. CSS
Curve [GPT12], customizations [LVG10], customized [HB13], cutting [AMWW15], Cyclic [BMOG12], RS12).

D [GBC12, JEC+12, ZXL16], DAA [DR10]. Data [Bra14, BMOG12, BA17, GM12, GTS+15, GT10, NKH16, NWB+15, dMRH12, BK14, BXXC13, BJBK12, CRP+10, DFR13, DHH+12, FOPZ14, LDL14, NL14, SAdB+16, SSQ+14, UMP10, WCG14, XXZ13, XMA+10], data-centric [DHH+12, FOPZ14], Data-Parallel [BKH16, CRP+10], database [Dei10, TABS12], databases [MLGA11]. Dataflow [BR12], Datalog [ZMG+14]. Days [Sev12b], DBT [KS13], deadlock [CHMY15, SR14a, SR14b], Dean [Bro12], debugging [ASdMG14, BM14, KS14, TB14]. Deciding [SGD15], Declarative [DRN14, RSI12, FOPZ14, MME+10], deconstructing [ACS+14], decoupled [LPA13], deduplication [HOK04], default [SNS+14], defined [FMS+11]. Definite [NS12], Definition [SSB14b, AK13, SSB01], Definitive [Oak14], delegation [GBS13], DelphJ [GBS13], demand [FWDL15, ZHL+12], demand-driven [FWDL15]. Deoptimization [KRCH14], dependence [JWMC15], dependences [BKC+13], dependencies [ELW15], Dependent [CHJ12, LE16], deploying [R+13], depth [Rau14]. Design [AC16, ETTF12, MLGA11, PuI3, RTE+13, SW12, TRTD11, TKL+15, VGRS16, YCYC12, BXXC13, CslD16, GSD+15, IRJ+12, SAdB+16, SMSB11, VM10, Xue12], Designing [Sev12b, KHR11], Desktop [GBS1], destructive [FF10], Detecting [BK12, HLO15, PLCH11, XR10, FF10]. Detection [BSOG12, KCD12, MS14, RD15, XMA+14, CSK17, LMK16, LS11, OD15, PG12, RDF15, RW17, SR14a, SR14b, SS14, WCG14, XXZ13, XR13], detectors [LWH+10], Determinant [AM14], deterministic [DNB+12], developer [EV13, Top11, ZKK13]. Developers [Bro12, BM14, DJB16, HH13, Wam11], developing [R+13], Development [ABK+16, AYZI10, AGR17, FOPZ1F+12, PSW11, SH12, WBA+11, ZDS14], Device [TTD+11, XHH12] Devices [GPT12, QJ+16, MV16, ETR+15, Xue12], DFC [BR12], diagnosis [RW17], DiAl [STCG13], difference [PS11], differential [CSS+16], Differentiation [FHP+12, PQD12, SD16a], digital [JMO14], directed [CSS+16, EP14, NG13, NED+13, WM10], directives [VGS14], Discovering [Sev12a], discrete [DDD17], Disease [PE11], Dissimilar [Has12], Distance [ZW13], distributable [CRAJ10], Distributed [BVEAG10, LTD+12, LM15, MAHK16, PE11, BVGVEA10, BVGVEA11b, BVGV14b, CRAJ10, EABVGV14, STCG13], divide [SBF+10], Do [HH13, Han15], Does [BRGG12, Rub14], DOJ [hEYJD12], Domain [KSPK12, CslD16, EEE+13, HWW+15], domain-specific [CslD16, EEE+13, HWW+15], dominance [CPST14], Doppio [VB14a], DoubleChecker [BHSB14], down [Ker15, ZMY14], drf [MSM+16], DRFX [MSM+10, SMN+12], Driven [CCA+12, CHM13, FWDL15, MTL15, SR14b], DSL [KARO12], DSLs [KHR11, RO12, SC16], DSU [PVH14], Dual [AD16], Dual-Pivot [AD16], Dynamic [ABMV12, ASF17, CHMY15, MvDL12, PTHH14, RDF15, XMA+14, ZKB+16, AF12, BDB11, BK14, BCD13, CSV15, CPST15, ELW15, GYB+11, HB13, KRCH14, KRR+14, KT14, LWH+10, LVG10, MKZ+14, Nil2b, NG12, NED+13, RLBV10, RCR+14, SR14b, SSS+11, TCI12, WCG14, XXZ13, XR13], detect...
SJPS10, SH12, TPG15, VBAM10b, WXR16, WBA⁺11, WAB⁺11, WWS13, ZBB15.  

dynamic-memory [GYB⁺11].  
dynamically [CZ14, CMS⁺12, hEYJD12].  
Dynamic [BDB11].  
e-Science [SGV12].  
ease [DRN14].  
economic [CSV15].  
economics [SJBL10].  
edition [LYBB14].  
editor [EKR⁺12].  
editorials [Fox17, HTW14, RHT13].  
EDSLs [RDP16].  
educator [BA17].  
EE [Jen12].  
eect [CCFB15].  
eective [BMR14, PTML11, RD15, CSdL16].  
eectively [UR15].  
effects [FH16, HAW13].  
eficient [DVL13, GPT12, HWM11, HB13, KT14, KW10, OOK⁺10, RSB⁺15, RFBJ14, SMN⁺12, AK13, BHSB14, CRP⁺10, ETR12, HWM10, KKW11, MSM⁺10, SVG12, SWB⁺15, SV15a, TRTD11, UMP10, VVJB10, XXZ13].  
eficiently [BKC⁺13, FOPZ14].  
einsatzszenarien [Sch13].  
einsteiger [Ric14].  
elektronik [Ric14].  
elektronik-projekte [Ric14].  
elephant [RGM13].  
elmination [GvRN⁺11].  
elision [NM10].  
Elliptic [GPT12].  
elloquent [Hav11].  
eloaded [Fox17, HTW14, JMB12, KAR012, Pau14, SLES15, SLE⁺17, TKL⁺15, VK12, Dei10, GMC⁺13, HTLC10, KHR11, LMK16, OIA⁺13, RHT13, SC16, SFR⁺14, UIY10, Xue12, ZYZ⁺12].  
embedding [KMLS15, SC16].  
Empirical [SS13, WXR16, BJGBK12, FHI6, HH13, MHR⁺12, NCS10, SH12, VBDPM16, VBMDP16].  
emulated [THC⁺14].  
emulator [KS13].  
enabled [GPT12, DR10, ETR⁺15, RBL12, SVG12].  
encapsulation [DM11].  
End [GM12, DAA13].  
End-to-End [GM12].  
ed-user [DA13].  
energy [PCL14].  
enforcement [IF16].  
enforcing [JWM15].  
engine [MG17, OUY⁺13, Tar11].  
Engineering [CCA⁺12, VF10].  
engineers [BRA14].  
engine [KH16, SSG⁺14].  
enhanced [LMK16, WBA⁺11].  
Enhancing [BDT10, BGVGEA13, DcSG12, HC10].  
Ensuring [HDK⁺11].  
Enterprise [Ano14, AAB⁺10].  
entities [ETR12].  
Entry [BK12].  
environments [Köl10, PTML11, EKR⁺12].  
Evaluating [BL12, MDHS10].  
Evaluation [GBC12, JMB12, OCFLI14, TTS⁺10, Wan11, CSK17, MD15].  
Evaluator [JB12].  
Event [KW11, MV16, BBP13, KW10, TTL15, WK12, YP10].  
event-based [BBP13, YP10].  
event-driven [MLI15].  
EventBreak [PSN14].  
ever [Gra15].  
everyone [Hor12].  
Evolution [GMP12, Mei14, MAH12, NCS10, WBA⁺11, WAB⁺11, WWS13].  
evolving [ZZK13].  
Exact [ZW13].  
Examples [BN11].  
Exception [LTH14, ECS15, HWM14, LT11].  
Exceptionization [YKM17].  
Exceptions [ASM17, AdCGGH16, HtM17, SMN⁺12].  
Execution [OwKPM15, JLL17, JhEd11, LLI3, SPPH10].  
executions [ASdMGM14, PSP16].  
executives [RS12].  
Exemplar [ZW13].  
Exhaustive [DHS15].  
exhibitionism [VBM16].  
Experience [ABM12, OW16, Sch10a, CBLFD12, TRE⁺13, WT10].  
Experiment [HWLM11].  
Exploitation [SSMD10].  
Exploiting [NKH16].  
exploration [FWDL15].  
explorative [AHK⁺15].  
exploratory [ECS15].  
EXPLORER [FWDL15].  
Exploring [JK13, JWM15, SE12].  
exposed [VBM16].  
Express [JQJ⁺16].  
Expression [NS12].  
expressions [GK15].  
expressive [VYY10].  
Extended [DDDF17, FGR12, FLL⁺13, JC10, LMK16, PDPM⁺16].
extensible [ER14, KMLS15, MHBO13].
Extension [RSi12, LE16, MLGA11].
extensions [Zha12]. Extensive [Wan11].
Extracting [CCA+12, KM10]. Extremal [LTD+12]. eye [Guy14].

F [GMT14, TTD12]. F-bounded [GMT14].
F-TPJ [TTD12]. FAA [Sch10a].
FACADE [NWB+15]. face [XHH12]. Facets [ASF17, AF12].
Floating [Jaf13, AJL16]. Floating-Point [Jaf13, AJL16]. Flow [ASF17, FHSR12, LMK16, SS12, AdCGGH16, AF12, ABFM12, BK14, FWDL15, HBS16, KHL+13, LSWM16].
Flow-sensitive [LMK16]. FlumeJava [CRP+10]. fly [UJR14]. folding [CPST14].
Fundamentals [HC13]. Fusing [MS13, ETR12, WM10]. fuzzer [Guo17].

Game [MT14, Wan11]. Gap [PVB17, ZLHD15]. Garbage [ASV+16, BHI2, GTS+15, Sch13, SKBL11, AGGZ10, BCR13, BP10, BGVVL4b, GTSSL11, KPHV11, KBL14, PZM+10, PDP+16, Puf13, SP10a, SBM14, Sie10, SB10, UIY10, UJR14].
Generating [HJS+10, RDP16, GRF11, KS14, MHBO13].
Generation [BH17, CRJ+10, PPMH15, PSNS14, RO12, UMP10]. generators [SLF14].
generic [DDM11, Fer13, HH13, ZPL+10, eBH11].
Information-flow [HBS16]. infrastructure [NG12]. Inheritance [LN15, WT11, AST+16, GBS13, NCS10].
Initial [LTD+12]. initialization [MME14].
Initiation [FGR12]. Injecting [ZZK13].
inline [DJLP10]. Inlining [BA12, HWM13]. insecure [YW13]. Insight [VF10].
Integrated [Tar11, YP10]. integrating [SPP+10]. integration [Ame13, HKVG14, Sch10a]. integrity [HDK+11]. intelligence [JACS10].
Interception-Based [DLR16]. Interpreters [D’H12, KMMV14].
interpretation [YDF15]. International [Hol12, KP15]. interoperability [GSS+16].
Interpretation-Based [DLR16]. interpreter [D’H12, KMMV14].
Interpreters [HWW+15, IvdS16, MD15, ZLBF14].
Investigation [SS13, FH16]. invocation [SPAK10, BVGV14AFG11]. invocations [BVGV14a]. invokedynamic [OCFL14].
Involvement [ZMM+16]. IP [TKL+15].
JVM [AC16, AFG+11, CSS+16, Guy14, MS10, PVH14, R+13, SV15b, Sub11]. JVMs
[BK14, ZYZ+12].

K-Java [BR15], kernel [HDK+11], key [DFR13, JB12], key-value [DFR13].

keynote [McK16], KJS [PSR15], knot [LBF12], know [DJB16, Gra15, Han15].

Knowledge [KSPK12, UMP10], known [Han15]. Krak[No14].

Lake [Hol12], lambdas [UFM15].

Language [DLPT14, GJS+13, GJS+14, JC10, KSPK12, MAHK16, Sev12b, SS13, ABCR10, CMM17, CSdl16, DAA13, EKR+12, Fee16, GSS+16, Hos12, HWW+15, KRCH14, LWH+10, LE16, SC16, SZ10, SNS+14, VB14a, WCG14, ZWS15, dCMMN12], language-level [WCG14].

Languages [MSM+16, PTHH14, YKM17, AGGZ10, BCD13, CMS+12, EKR+13, ER14, FMBH15, Han15, HBT12, HJS+10, KRR+14, MSM+10, NED+13, Zha12].

LARD [WCG14]. Large [BA17, AST+16, CCFB15, MCY+10, PTF+15, WHIN11]. Large-Scale [BA17, MCY+10, PTF+15, WHIN11].


leak [SS14, XR13]. Leaks [And14, RW17].

LeakSpot [RW17]. lean [BRGG12, SV15b].


Less [BNE16]. Level [AC16, SWU+15, Hos12, IHWN12, KBL14, LWC17, MG17, RFBJ14, TTD+11, VJVW10, WCG14].

Lexical [GN16]. Libraries [BK12, RDCP12, Cho14, EKR+12, PMLT14, TTD+11].


localize [ZZK13]. location [NCS10]. Locators [SDM12]. Lock [FC11, NM10, NFV15, UMP10]. Lock-free [FC11, NFV15]. Locking [GGRSY17, JTO12, GGRSY14, GGRSY15].

locks [SPS17]. logging [CJ17]. logic [GMS12, SD16b]. loop [DD13, HWI+12].


ZHCB15, BCR13, XMA+10]. Low-Budget [GM12]. Low-latency [ETR+15].

Low-level [WCG14]. Low-overhead [ZHCB15]. low-utility [XMA+10]. lunch [DTLM14].

m [MZC10b]. m-JGRIM [MZC10b]. M2M [Pau14]. Machine [LYBB14, AmE13, CBLFD12, KS13, KC12, SMGD10, WGF11, WHV+13, BZD17, LBYB13a, LBYB13b, PTHH14, SSB+14a, Sch13, Set13, SMSB11, SV12, SSB01, SSB14b, UR15]. Machines [AGR12, GTS+15, JK13, KRCH14, NK10].


Managed-Language [MAHK16]. Management [Pau14, AHK+15, BVGV14a, HB13, Nil12b, PCL14, SWB+15, Tar11, WGW+11].

manipulating [YS10]. Manipulation [MS14]. many [GTS11]. mapped [SV15b].

Mapping [LTD+12, UR15], MapReduce [LZYP16, RFRS14, SKBL11]. maps [NFV15]. mashup [ETR12]. masses
[KKW14, SR14a, BNS12, DJLP10, Fer13].
Multithreading [CCH11]. multivariate
[AÖ11]. MuscalietJS [RCR14].
Mutagenic [YCYC12], mutators
[AHK+11].

Native
[JQJ+16, LT11, LT14, KFBK+15, STS+13].
Natural [LL15]. naturalness [HBB+16].
NDetermin [BENS12]. nested [ZLB+13].
Netflix [Lin14]. network [RR14].
Networking [Hol12]. Networks
[AFGG11, ETR+15]. neuromorphic
[HNTL12]. next [CRJ+10]. No
[BVGVEA10]. No-Heap [BVGVEA10].
NoCs [PWA13]. Node [HC11, BJJK12].
Node.js [MTL15, Ano14]. nodes [DRN14].
Nominal [BO13]. Non
[BVGVEA11b, BSOG12, GGZ+15, YKM17,
MZC10a, OMK+10, ZP14]. Non-Adequate
[GGZ+15]. non-cache-coherent [ZP14].
Non-functional [BVGVEA11b].
non-intrusively [MZC10a]. Non-Java
[YKM17, OMK+10]. Non-termination
[BSOG12]. Nonblocking [RTET15, SP10a].
Nondeterministic [RB15, BENS12].
noninterference [IF16]. NoSQL [DFR13].
Notation [Sev12a]. Novel [NK10, MZC10b].
November [Hol12]. Novice [BA17].
Novices [RT14]. NullPointerExceptions
[BSOG12]. NUMA [GTS+15]. NumaGiC
[GTS+15]. number [PPMH15, SLF14].
Numbers [Jaf13, AJL16, Wal12].
Numerical [KS15, KFBK+15, PQTGS17].
NXT [SWF12].

Obfuscated [KCD12]. obfuscation
[CCFB15]. obfuscations [CSK17]. Object
[GS11, NWB+15], PTHH14, PiLCH11,
Sev12a, SW12, AST+16, BZD17, DDDF17,
FMBH15, IvdS16, 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, MLH15, SK13, WX16, BVGVEA10].
Observations [AAD+10]. OCTET
[BKC+13]. odoToJava [KS15]. offloading
[ZHL+12]. on-demand [ZHL+12].
on-the-fly [UJR14], ones [AST+16].
Online [NG13, NK10]. only [NM10].
Ontology [KSPK12]. OoOJava [JhED11].
Open [BSA14, GD12, CJI7, VGRS16].
Open-Source [BSA14]. OpenJDK
dGRdB+15]. OpenMP [VGS14].
OpenMP-like [VGS14]. operating
[HDK+11]. operation [KKW11].
operations [TABS12]. Operator [PQD12].
opportunities [TPG15]. Optimal
[AD16, SK12, ELW15]. optimale [Sch13].
optimisation [PPS16], optimistic
[WGF11]. Optimization
[LTD+12, YKM17, AFG+11, BDB11,
DDDF17, JMO14, KS13, KC12, NG12].
Optimizations
[DR10, CPST15, NG13, SAoB+16].
Optimizing [SV15b, YRHBL13, HW+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]. Oriented
[ABMV12, GS11, AST+16, DDDF17,
EABVGV14, MHBO13, PTHH14, RV11,
VM10, VBAM10b, WBA+11, ZDS14,
hEYJD12]. OScK [HDK+11]. OSGi
[BVGVEA13]. OSS [ZMM+16]. other
[KS13]. out-of-order [JhED11]. output
[KM10]. Over-exposed [VDPM16].
overhead [BCR13, ZHC815]. Overloading
[PQD12], overview [Nil12b]. own
[MPM+15]. Ownership
PaaS [ZLHD15]. Package
[SLS+12, CRAT+12, MB12, OW16, AK13]. Packages [PiLCH11]. Paper
[DDDF17, PDPM+16, SV15a]. Papers [DVL13, HL13, LMK16, Puf13]. Parallel
[BMDK15]. Processing
[LLL13, WN10, SBK13, SSG+14, UJR14].
Processor
[TKL+15, Puf13, SPPH10, SMN+12].
Processors [ASV+16, MKG+17].
producers [DAA13]. product
[BTR+13, KATS12, KvRHA14].
product-based [KvRHA14]. production
[RGM13]. professionals [JACS10]. profile
[VSG17]. profiler [DTLM14]. profilers
[MDHS10]. profiling
[DD13, JH11, KRH16, NK10, SSB+14a,
STY+14, THC+14, XRI13, ZBB15].
Program [KKW14, RVK15, RT14, ZKB+16,
AÖ11, GMS12, HCN14, JLL17, JMC15,
KM10, MKZ+14, NS13, Sch10a, TABS12,
WGFL11, ZMG+14]. programmable
[AYZH10]. Programmers
[Esq11, Rau14].
Programming [AFGG11, ABMV12,
BCRY11, Bro12, BA17, DLPT14, HWM11,
HGCA11, Köl10, KSPK12, LM15, MKC16,
PTML11, RSI12, RB15, SS13, Sub11, Alt12,
AMWW15, BCvC+13, BMR14, BRWA14,
ECC12, EV13, FMBH15, Han15, HA13,
Hav11, Lew13, MSN+10, OW16, PTF+15,
RVP11, RFBJ14, SNS+14, TB14, UMF15,
VWJB10, VBAM10b, Wam11, WIR+10,
WBA+11, ZWS15].
Programs
[AGRI12, BH17, BR12, BMOG12, GS11,
JB12, LRD+12, SS12, SMD12, ZLCW14,
ASdMGM14, AdCGGH16, BA12, BNS12,
DJP10, ECS15, ES14, EP14, Fer13, HL13,
IN12, LO15, LPA13, MRMV12, NG12, OJ12,
PL12, RR14, RLBV10, SMS+12, SZ11,
SJS10, Taf13, YS10, dCMMN12, hEYJD12].
progress [ZHC15]. Project [Wan11].
Projects [ZMM+16, CJ17]. Projekte
[Ric14]. Prolog [CML17, Tur11]. Proof
[LL15]. Proofs [BMOG12]. propagation
[IvdS16, PQTGS17]. Properties [BO11,
RVK15, SS12, FWDL15, SD16b, YS10].
Protecting [MPS12]. Protein [YHY13].
Protocol [GM12, FGR12]. prototyping
[PWA13]. Provably [AdCGGH16, DJLP10].
providing [OW16]. proving [Taf13].
Proxys [VM10, Eug13, KT14]. PSE [KS15].
pseudorandom [PPMH15, SLF14]. Purely
[RSI12, NVF15]. Purely-Declarative
[RSI12]. purely-functional [NFV15].
purity [HMDE12]. Python [Ric14].
Quality [BNP11, CCFB15]. Quantitative
[CPV15, GYB+11]. queries [GK15]. query
[FWDL15]. queries- [FWDL15]. questions
[KM10]. Quicksort [AD16].
R [KMMV14, NL14, SLS+12, Vit14]. Race
[EP14, RD15, EQT10, HBB+14].

race-aware [EQT10]. races
[FF10, WCG14, XXZ13]. Racket [YK14].
racy [SRJ15]. Range [BS12]. rapid
[PWA13]. raw [HH13]. rays [SBF+10].
RCDC [DNB+12]. RDMA
[ETR+15, IRJ+12]. RDMA-based
[IRJ+12]. RDMA-enabled [ETR+15]. re
[NCS10]. re-location [NCS10].
Reachability [NS13]. reactive [BCvC+13].
read [NM10]. read-only [NM10]. Reading
[Jaf13]. ready [RHS15]. Real
[BVEAGVA10, Fox17, HTW14, KW11,
Nill2a, Pau14, SLES15, SLE+17, VK12,
BCR13, BVGVEA10, BVGVEA11a,
BVGVEA11b, BVGVEA13, BVG14a,
BVG14b, CRAJ10, DW10, EABVGV14,
GMC+13, HTLC10, KHM+11, KPHV11,
KvGS+14, KW10, KSR14, PS10, PMZ+10,
PSW11, Puf13, RHT13, SP10a, Sie10, SPS17].
Real-Time [BVEAGVA10, Fox17, HTW14,
KW11, Pau14, SLES15, SLE+17, VK12,
Nill2a, BCR13, BVGVEA10, BVGVEA11a,
BVGVEA11b, BVGVEA13, BVG14a,
BVG14b, CRAJ10, DW10, EABVGV14,
GMC+13, HTLC10, KHM+11, KPHV11,
KvGS+14, KW10, KSR14, PS10, PMZ+10,
PSW11, Puf13, RHT13, SP10a, Sie10, SPS17].
realtime [OYU+13]. Reasoning
[LN15, ABK+16]. recipes [J+12].
recompilation [NED+13]. Reconfigurable
removal [CBLFD12, Sch10a]. Reports [CJ17, UIY10]. replication [BCD13]. Retrofitted [LPGK14]. reusable


HC10, MME14]. reuse [WR10]. Reverse


[AYZI10]. RFLP [YCYC12], richer [CV14].

rigor [Vit14]. Rigorous [AGR17]. risk
scheme [XHH12]. SCHISM [PZM+10].
SCORM [HC10]. Scrap [ZCdSOvdS15].
sequence [ZWZ+14]. Sequent [FFF17]. sequential [BENS12, DSM11].
serialization [MHB13]. Seriously [Kie10].
Smartcard [RBL12]. Smartphones [RT14]. SMARTS [RXK+17]. snapshots [AST12].
Snippets [SWU+15]. SNP [YC12]. SoC [TKL+15]. soft [JAC10]. Software [BSA14, Wan11, YQ15, BTR+13, CBGM12, CFH+13, CJ17, DVL13, FRGPLF+12, FC11, HBG+16, JhED11, LPA13, MHR+12, OIA+13, XR13, YRBL13, ZK13, ZHC15, ZDS14].


Static [BNE16, JC10, MTL15, ODL15, PiLCH11, RD15, SW12, SH12, AM14, Fer13, FLL13, IF16, KSW14, LS11, MHR12, TLMM13].


STM [Sub11]. stochastic [CRAT12].


Structures [GT10, XMA10]. Studio [RT14, FH16]. Studio-Based [RT14].

Study [ZMM16, BRGG12, CCFB15, CJ17, ECS15, KFBK15, MHR12, NCS10, OMK10, PTF15, SH12, VBDP16, WX16, YW13].

style [UFM15]. substitute [PPMH15]. substrate [GT10]. subtypes [HL13].

Subtyping [LN15]. suite [SMSB11, BB12].

Suites [GGZ15]. Summaries [BH17].

Superblock [KS13]. Supercharged [Cec11, GBS13]. supervenience [Rez12].


synchronisation [CHMY15, WBM10].

synchronization [DHI12, Gra15, Sub11].

Synchronous [BVEAGVA10, SK12].

syntactic [LE10, QLBS17]. Syntax [SS13, KMMV14]. synthesis [SR14a].

synthesizable [ABCR10]. synthesizer [OUY13].

Synthesizing [GK15, SRJ15, LWH10].

System [BO13, KCD12, MAHK16, ACS14, AYZ10, AGR17, BDB11, ELW15, HA13, HDK11, HWLM11, KR12, MS10, STY14, TLL11, Nil12a]. systematic [TD15].

Systems [BSA14, BNE16, CCH11, DLPT14, Fox17, HTW14, JMB12, LM15, RTE13, SLES15, SLE17, DW10, FH16, HM17, HW12, HTLC10, LPGK14, MHR12, MAH12, OIA13, PDM16, RHT13, SSMGD10, SH12, TTD12, TWX10, THC14, UIY10, Vit14, YRHBL13, VK12].


Taming [TLL11, SC16]. Tardis [BM14].

task [Fee16, TWL12, ZLB13].

TaskLocalRandom [PPMH15]. tasks [HAW13, PPMH15, SPP10].

Taurus [MAHK16].

Taxonomy [SS14]. Teaching [HA13, SWF12, CHM13, ZDS14]. teasing [LBF12].

Techniques [RD15, EV13, KS13].

Technologies [Fox17, HTW14, VK12, HTLC10, KFBK15, NL14, RHT13].
technology [NED+13]. TeJaS [LPGBK14].
Template [MME14, HJS+10]. templates [FOPZ14, AK13]. term [AHK+11].
Terminating [FFF17]. Termination [BMOG12, RDCP12, BSOG12, SMP10].
Test [BB12, GGZ+15, PSNS14, SR14a]. tested [Mi11]. Testing
[Ame13, BR12, Him13, MM12, CSS+16, CNS13, Ler10, TD15]. tests
[AÖ11, NYCS12, SR15]. Textbooks [BNP11]. their [RDP16]. There [Eqq11]. thin
[PPS16]. thin-air [PS16]. things [McK16]. Think [WR10]. third
[FOPZ14, LVG10]. third-party
[FOPZ14, LVG10]. THOR [TWX+10]. thread [BKC+13, CRAJ10, MGI17, PCL14, PG12, SS10, YDF15]. thread-level
[MGI17]. threaded
[DSEE13, JTO12, SE12, Taf13]. threads [UR15]. Three [ZMM+16, Vit14].
TigerQuoll [BBP13]. Time
[BVEAGVA10, BLH12, DLR16, Fox17, HTW14, JMB12, Kie10, KW11, Pau14, SLES15, SLE+17, VK12, BCR13, BM14, BVGVEA10, BVGVEA11a, BVGVEA11b, BVGVEA13, BVGVI4a, BVGVI4b, CRAJ10, DW10, EABVGV14, GMC+13, HTLC10, KHM+11, KPHV11, KHL+13, KvGS+14, KW10, KSR14, LMK16, MGI17, Nil12a, PS10, PZM+10, PSW11, Puf13, RHT13, SP10a, SPPH10, Sie10, SPS17, SH12, TTS+10, WAB+11]. time-travel
[BM14]. time-triggered [EABVGV14]. times [DW10]. timing [LS11]. TIMP
[SLS+12]. tiny [Xue12]. tolerant [PZM+10]. Tool [FMM+11, PQD12, SW12, ABFM12, CRAT+12, ETR12, KSR14, LS11, TWX+10]. Tool-supported [FMM+11]. Tools
[Bro12, ABK+16, VBAM10b]. toolset
[KvGS+14]. top [RVP11, ZMNY14].
top-down [ZMNY14]. Topics
[Hor11, Jen12]. topology [DDM11]. Trace
[HWM14, PiLCH11, SR14b, BBF+10, HWM13, HWT+12, IHWN12, WHIN11]. trace-based
[BBF+10, HWM14, HWT+12, IHWN12]. tracer [CZ14]. traces [BA12, RGM13].
Tracing [BP10, DLR14, DLR16, MD15]. track [VSG17]. TrackEtching [VSG17].
Tracking [SDC+12, KHL+13, OOK+10]. Tracks [RGM13]. tradeoff [UTO13].
Traffic [RXX+17]. Trail [HHSS13]. Train [MSS16]. trait [BCD13, VM15]. traits
BDGS13, BD17]. transactional
[DVL13, FC11, ZHCB15]. Transactions
[DCG12, DFR13]. transformation
[AST+16]. transformations
[AK13, MHN10, PMP+16]. Transforming
dMRH12]. transitioning [HWM14].
Translating [RFRS14]. Translation
[BO12, LSWM16]. translations [UTO13].
translator [LZYP16]. Transmission
[PE11, BVGVEA11b, BJKB12]. transparent
[DBB11]. travel [BM14]. traversals
[ODL15]. Tree
[LYO12, HLO15, KMMV14]. Trends
[MSS10]. tries [SV15a, SV15b]. triggered
[EABVG14]. TRINI [PDPM+16].
Trusted [TWH12, BCF+14]. tuning
[AAB+10, BVGVEAFC11, SKBL11].
Tutorial [Jen12, Nil12b, Taf13, Zak12]. TV
[JMO14]. twitter [Guy14]. Two [Has12].
Type [BO13, KSW+14, KATS12, SGD15, WT11, ACS+14, BS13, CMS+12, DLM10, FH16, GBS14, HyG12, KMLS15, KRR+14, KRH16, KvRHA14, LPG14, LE16, MHR+12, SH12, TLL11, Zha12, eBH11].
Type-Based [SGD15]. type-dependent
[LE16]. type-safe [KMLS15]. Typing
[BO13, KKK+17, MHL15, CMS+12, KRCH14, RDP16].
Types
[BO13, RvB14, SPAK10, BDGS13, CHJ12, DDM11, HH13, MME+10, YDF15].
TypeScript [Cho14, FH16, RSF+15].
Typing [FZ17, RSF+15, SFR+14, TSD+12].
Ubiquitous [MCY+10]. UDP [RR14]. ULS
[FOPZ14]. unbounded [LSSD14].
uncertain [McK16]. Understandable
[MSM*16]. Understanding
[FRM*15, PCL14, QLBS17, Set13, TABS12, VBM16, LWB15, Nil12b].
Undocumented [Alt12, MHR*12]. Unified
[LM15]. uniform [AH10, Eug13]. Unifying
[FRM*15, PCL14, QLBS17, Set13, TABS12, VBM16, LWB15, Nil12b].
Unified [LM15]. uniform [AH10, Eug13]. Unifying
[Has12]. union [KT15]. uniprocessors
[KPHV11]. Units [LLL13]. universe
[DDM11]. Unix [PV17]. Unpacking
[LBF12]. Unrestricted [WWS13]. unsafe
[MPM*15]. updates [PKC*13]. Upper
[SW12]. uproots [HB13]. USA
[Hol12, KP15]. usability [FH16, MHR*12].
usage [PTF*15, QLBS17]. Use [Guy14, MPM*15, AMMW15, PBM13, Sch13].
use-case [AMMW15]. used [XR10]. User
[Liu14, MvDL12, SLS*12, DAA13, FMS*11, PSNS14]. user-defined [FMS*11]. Using
[ASDMGM14, BS12, BSA16, BNE16, DLM10, HC14, KFBK*15, MV16, M15, Pau14, PQR12, SD12, SLE*17, UMP10, Wan11, XMA*14, YCYC12, DDDF17, FH16, FOPZ14, GBS14, Ivd16, KMLS15, KT14, KC12, LVG10, Lew13, LDL14, SAD*16, VGS14, WBM*10, WRI*10, XR13]. UT
[Hol12]. utility [CSV15, XMA*10].
utilization [BCR13].

v [Sam12]. V8 [MG17]. Validating
[LS13]. Validation
[SSB14b, CSSJ16, SSB01]. value [DFR13].
variables [NS13]. Verifiable [FHSR12].
Verification [KKW14, KP15, SS12, SSB14b, CHMY15, DLM10, PSS11, SZ11, SJS10, SSB01, dCM112]. Verified
[HM12, JLP*14]. Verifier [BDT10, Rey13].
Verifying [LM15, YS10, SD16]. version
[FC11, ZX11]. vertical [STY*14]. via
[DS11, GGRS15, GGRS17, Host12, HB13, JWM11, LSW116]. view [Guy14].
violations [LTZ14, PG12, RF15]. Virtual
[BZD17, LYB13a, LYB13b, LYB14, PTH14, PQR12, SSB*14a, Sch13, Set13, SMSB11, SGV12, SSB01, SSB14b, UR15, Ame13, CBLFD12, KCRH14, NK10, SSMGD10, WGF11, WHV*13]. virtualized
[HOKO14, MH10]. virus [RBL12].
visitors [DR14]. Visual [FH16]. 
visualization [JEC*12, JLL17, MCY*10].
visualizing [DSEC13, KS14]. vital [EV13].
VM [LBF12, YKM17]. VM/application
[LBF12]. VMKit [GT1*10]. Vroom
[BMDK15]. vs
[BA17, GBC12, MD15, SK12, SH12].
Vulnerabilities [MS14].

Wampler [Bro12], wanted [Gra15]. wave
[PQTGS17]. way [Ker15, WGF11]. weak
[WRI*10]. Weapon [Nil12]. weaving
[VBA11]. web
[ETR12, HCN14, KFBK*15, MCY*10, RHD*15, RCR*10, WGF*11, DAA13, HLSK13, Kri12, MvDL12, N14, OwKPM15, RFBJ14, Sch10b, YW13]. web-portal
[MCY*10]. WebCL [KFBK*15]. Websites
[KCD12]. well [EV13]. well-grounded
[EV13]. WETSUIT [ETR12]. Whalesong
[YY14]. Widening [KKW14]. wild
[MPM*15, STS*13]. wildcards
Withers [Lyo12]. without [MB15, IN12, KFB*12, SS12, Sta10, WH11]. Work
[KFB*12, PKO*15, TL12].
Work-stealing [KFB*12, TL12]. workbench
[CF1*13]. world
[CIAD13, Mc16, STS*13]. Worst
[SPPH10, dGRD*15]. Worst-case
[SPPH10]. would [H11]. wrap [FOPZ14].
Wrappers [MPS12]. write [HJH10].
Writing [Jaf13].

x [MSM*16]. X10 [TL12]. Xbase
[EEK*13]. XIR [TWSC10]. XML [NL14].
XSS [MSK16]. Xtraitj [BD17].
yang [CBGM12]. years [BTR*13].
yieldpoint [LWB*15]. yin [CBGM12].
REFERENCES

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

References

Altman:2010:OTJ


Auerbach:2010:LJC


Avvenuti:2012:JTC


Abanades:2016:DAR


Ansaloni:2012:DAO


Akai:2010:EAS

Shumpei Akai and Shigeru Chiba. Extending AspectJ for separating regions. *ACM SIGPLAN No-
REFERENCES


Anjo:2016:DML


Ahn:2014:IJP


Aumuller:2016:OPD


Amighi:2016:PCC


Autili:2013:HAR


Austin:2012:MFD

Thomas H. Austin and Cormac Flanagan. Multiple

**Arnold:2011:AOJ**


**Aiello:2011:JBA**


**Albert:2010:PIM**


**Arca:2012:CCM**


**Arca:2017:RDP**


[AM14] Esben Andreasen and Anders Moller. Determinacy in static analysis for
REFERENCES


Ament:2013:ATG


Ashrov:2015:UCB


Andersen:2014:PLJ


Anonymous:2014:RKS


Arslan:2011:JPM


Altidor:2014:RJG


REFERENCES

CODEN JSSODM. ISSN 0164-1212 (print), 1873-1228 (electronic).

**Bradel:2012:ITJ**


**Brown:2017:NJP**


**Boland:2012:JCC**


**Bebenita:2010:STB**


**Bonetta:2013:TPE**


**Bu:2013:BAD**


**Bettini:2013:FDT**

Martin Bodin, Arthur Char- 

gueraud, Daniele Filaretti, 
Philippa Gardner, Sergio 
Maffei, Daiva Naudziuni- 
nie, Alan Schmitt, and 
Gareth Smith. A trusted 
mechanised JavaScript spec- 
ification. *ACM SIG- 
PLAN Notices*, 49(1):87– 
100, January 2014. CO- 
DEN SINODQ. ISSN 0362- 
1340 (print), 1523-2867 
(print), 1558-1160 
(electronic). POPL ’14 confer- 
ence proceedings.

F. Bergenti, L. Chiarabini, 
and G. Rossi. Programming 
with partially specified ag- 
eggregates in Java. *Computer Languages, Systems 
and Structures*, 37(4):178– 
192, October 2011. CO- 
DEN ???? ISSN 1477-8424 
(print), 1873-6866 
(electronic). URL http:// 
www.sciencedirect.com/
science/article/pii/S1477842411000169.

David F. Bacon, Perry 
Cheng, and V. T. Ra- 
jan. POPL 2003: a real- 
time garbage collector with 
low overhead and consist- 
tent utilization. *ACM SIG- 
PLAN Notices*, 48(4S):58– 
71, April 2013. CODEN 
SINODQ. ISSN 0362-1340 
(print), 1523-2867 
(print), 1558-1160 
(electronic).

Engineer Bainomugisha, 
Andoni Lombide Carreton, 
Tom van Cutsem, Stijn 
Mostinckx, and Wolfgang 
de Meuter. A survey on re- 
active programming. *ACM 
Computing Surveys*, 45(4): 
52:1–52:??, August 2013. 
CODEN CMSVAN. ISSN 
0360-0300 (print), 1557- 
7341 (electronic).

Lorenzo Bettini and Ferruc- 
cio Damiani. Xtraitj: Traits 
for the Java platform. *The 
Journal of systems and soft- 
ware*, 131(??):419–441, Sep- 
tember 2017. CODEN JS- 
SODM. ISSN 0164-1212 
(print), 1873-1228 
(electronic). URL http:// 
www.sciencedirect.com/
science/article/pii/S0164121216301297.

Vasanth Bala, Evelyn Duester- 
wald, and Sanjeev Baner- 
jia. Dynamo: a trans- 
parent dynamic optimization 
system. *ACM SIG- 
PLAN Notices*, 46(4):41– 
52, April 2011. CODEN 
SINODQ. ISSN 0362-1340 
(print), 1523-2867 
(print), 1558-1160 
(electronic).
Bettini:2013:CTB


Barbuti:2010:AIA


Burnim:2012:NIN


Barbu:2012:ARA


Badihi:2017:CAG

Biswas:2014:DES


Burdette:2012:ECJ


Baar:2012:DEP


Bell:2014:PID


Bond:2013:OCC


Bodden:2012:PEF

REFERENCES


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

**Bellia:2011:PJS**


**Bellia:2012:ERT**


**Bellia:2013:JST**


**Barabash:2010:TGC**


**Bluemke:2012:DTJ**


**Bogdanas:2015:KJC**


**Brandt:2014:DAS**

REFERENCES


<table>
<thead>
<tr>
<th>Reference</th>
<th>Details</th>
</tr>
</thead>
</table>


Carlisle:2011:WCB

Cao:2012:YYP

Chevalier-Boisvert:2012:BSH

Cosen
tino:2012:MDR

Ceccato:2015:LSE

Chen:2011:MJP


Campbell:2013:ICC


Chen:2017:CLP


Castro:2017:JLC


Chang:2012:IOT


Choi:2013:GGT


Clifford:2014:AFB

Daniel Clifford, Hannes Payer, Michael Starzinger,


[CRP10] Craig Chambers, Ashish Raniwala, Frances Perry,

(CSS+16)


(CSdL16)


(CSK17)


(CSS+16)


(CSV15)


DeBeukelaer:2017:ECP


Dietl:2011:SOT


Deitcher:2011:SPJ


Disney:2015:SYJ


Dey:2013:STA


deGouw:2015:OJU

Stijn de Gouw, Jurriaan Rot, Frank S. de Boer, Richard Bubel, and Reiner Hähnle. OpenJDK’s `Java.utils.Collection.sort` is broken: The good, the bad and the worst case. In Kroening and Păsăreanu [KP15], pages
REFERENCES


D'Hondt:2012:ISS

Dolby:2012:DCA

Dietrich:2015:GSE

Dietrich:2016:WJD

Dam:2010:PCI

DeFrancesco:2010:UAI
REFERENCES

0304-3975 (print), 1879-2294 (electronic).

DeNicola:2014:FAA


Dissegna:2014:TCA


Dissegna:2016:AIB


Demange:2013:PBB


deMol:2012:GTJ


Duarte:2011:ICS

REFERENCES


REFERENCES


[EEK+13] Sven Efftinge, Moritz Eysholdt, Jan Köhnlein, Sebastian Zarneckow, Robert von Massow, Wilhelm Haselbring, and Michael Hanus. Xbase: implementing domain-specific lan-

**Erdweg:2012:GLE**

**Erdweg:2015:SOI**

**Eslamimehr:2014:RDS**

**Eslamimehr:2010:GRA**

**Erdweg:2014:FEL**

**Eichelberger:2014:FRM**

**Esquembre:2011:TPL**
Francisco Esquembre. There is parallel life for Java scientifc programmers! *Computing in Science and En-
REFERENCES

Endrullis:2012:WEM


Expósito:2015:LLJ


Expósito:2012:DSJ


Eugster:2013:SUP


Evans:2013:WGJ


Fernandes:2011:LFS

Sérgio Miguel Fernandes and João Cachopo. Lock-free and scalable multiversion software transactional memory. ACM SIG-
REFERENCES


Feeley:2016:CML

Ferrara:2013:GSA

Flanagan:2010:AMD

Ferrari:2017:JF

Femminella:2012:EJC

Fogus:2011:JC

Fischer:2016:EIE
Lars Fischer and Stefan Hanenberg. An empirical investigation of the effects of type systems and code completion on API usability using TypeScript and JavaScript in MS Visual Studio. ACM SIGPLAN Notices, 51(2):154–167, February 2016. CODEN SINODQ. ISSN 0362-
REFERENCES

Forth:2012:RAA

Fontaine:2012:VCF

Freudenberg:2015:SMP

Flanagan:2013:PES

Feldthaus:2013:SAR
tronic). OOPSLA ’13 conference proceedings.

**Felgentreff:2015:CBC**


**Feldthaus:2011:TSR**


**Frantzeskou:2011:SUD**


**Fu:2014:FDC**


**Fox:2017:EJT**


**Fdez-Riverola:2012:JAF**

REFERENCES


[Gerakios:2014:RTP] Prodromos Gerakios, Aggelos Biboudis, and Yan-

**German:2012:MOS**


**Golan-Gueta:2014:ASL**


**Golan-Gueta:2015:ASA**


**Gligoric:2015:GCB**


**Gosling:2013:JLS**


Apolinar Gonzalez, Walter Mata, Alfons Cre-
REFERENCES


Gupta:2016:LSA


Gong:2011:JSA


Grossschadl:2012:EJI


Gramoli:2015:MTY


Grech:2011:JGE


Giacaman:2011:OOP


Gil:2012:SFJ

Joseph Gil and Yuval Shimron. Smaller footprint for Java collections. *Lecture Notes in Com-
REFERENCES


REFERENCES


REFERENCES

Hanenberg:2015:WDW

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).

Hasbun:2012:UTP


Haverbeke:2011:EJM


Heumann:2013:TEM


Huang:2013:ECS


Hindle:2016:NS

Hedin:2016:IFS


Hedin:2016:IFS

Heidegger:2012:APC


Heiddegger:2012:APC

Hsiao:2010:EST


Hsiao:2010:EST

Hsiao:2014:UWC


Hsiao:2014:UWC

Hofmann:2011:EOS


Hofmann:2011:EOS

Horstmann:2013:CJF


Horstmann:2013:CJF

Hughes-Croucher:2011:NRS


Stephan Herhut, Richard L. Hudson, Tatiana

[HJS+10]


[HJH10] Laurence Hellyer, Richard Jones, and Antony L. Hosh-


[Heidenreich:2010:GST]


[HJS+10]


[Haddad:2013:SIP]

REFERENCES

Hague:2015:DRC

Herczeg:2013:TFF

Herranz:2012:VIP

Huang:2012:RRC

Hashmi:2012:CNI

Horie:2014:SDJ

Hollingsworth:2012:SPI
Jeffrey Hollingsworth, editor. *SC ’12: Proceed-

**Horstmann:2011:CJA**


**Horstmann:2012:JEC**


**Hosking:2012:CHL**


**Higuera-Toledano:2010:ISI**


**Higuera-Toledano:2014:EIS**


**Hayashizaki:2012:IPT**

Huang:2011:SBA


Haubl:2010:CES


Haubl:2011:ECE


Haubl:2013:CST


Haubl:2014:TTE


Humer:2015:DSL

Hackett:2012:FPH

Iranmanesh:2016:SSE

Inoue:2012:AML

Inostroza:2016:MIM
Juneau:2012:JRP


Joseph:2010:PII


Jaffer:2013:EAR


Ji:2012:PKP


James:2010:FMC


Jara:2012:NVJ


Jendrock:2012:JET

REFERENCES


REFERENCES


Kastner:2012:TCA

Kim:2014:LBL

Kulkarni:2012:MCO

Kereki:2015:JAW

Kuehnhausen:2011:AJM
www.sciencedirect.com/science/article/pii/S1084804511001159

Kumar:2012:WSB


Khan:2015:UJW


Kerschbaumer:2013:IFT


Kalibera:2011:FRT


Kabanov:2011:DSF


Kienle:2010:ATT


Kim:2017:TAA

Channoh Kim, Jaehyeok Kim, Sungmin Kim, Dooyoung Kim, Namho Kim,


REFERENCES

November 2010. CODEN ???? ISSN 1946-6226.


Kedlaya:2014:ITS


Kaufmann:2013:SCO


Krebs:2014:JJB


Kroshko:2015:OPN


Kouneli:2012:MKD


Korsholm:2014:RTJ

Kashyap:2014:TRS


Keil:2014:EDA


Keil:2015:BAH


Kolesnikov:2014:CPB


Kim:2010:EAE


Kim:2011:MAE

[KW11] Minseong Kim and Andy Wellings. Multiproces-

[**Lin:2012:UKT**]


[Lorenzen:2016:STD]


[**Lerner:2010:FTJ**]


[**Lewis:2013:IAP**]


[**Liu:2014:JNU**]


[**Leino:2015:APS**]

K. Rustan M. Leino and Paqui Lucio. An asser-


**Lochbihler:2013:MJM**


**Loureiro:2013:EDS**


**Lerner:2014:TRT**


**Lux:2011:TSD**


**Luu:2014:MCC**


**Leopoldseder:2016:JJT**

REFERENCES


<table>
<thead>
<tr>
<th>McIntosh:2012:EJB</th>
<th>McKinley:2016:PWU</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Maas:2016:THL</th>
<th>McLane:2010:UIV</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>McIntyre:2012:FJB</th>
<th>Marr:2015:TVP</th>
</tr>
</thead>
</table>


Clemens Mayer, Stefan Hahnenberg, Romain Robbes, Eric Tanter, and Andreas Stefik. An empirical study of the influence of static type systems on the usabil-


REFERENCES


Moller:2014:ADC

Marino:2010:DSE

Marino:2016:DXU

Mitchell:2010:FTL

Mitropoulos:2016:HTY

Murawski:2014:GSI
REFERENCES

Madsen:2015:SAE

Marz:2016:RPC

Mesbah:2012:CAB

Mateos:2010:ANI

Mateos:2010:MJN

Nasseri:2010:CMR

Nuzman:2013:JTC
[NED2013] Dorit Nuzman, Revital Eres, Sergei Dyshel, Mar-


Na:2016:JPC


Nolan:2014:XWT


Nakaike:2010:LER


Nikolic:2012:DEA


Nikolic:2013:RAP


Nguyen:2015:FCR

Naik:2012:AT

Oaks:2014:JPD

Ortin:2014:RPI

Olivo:2015:SDA

Ogawa:2013:RJA

Olszak:2012:RJP

Ogata:2010:SJN
Kazunori Ogata, Dai Mikurube, Kiyokuni Kawachiya, Scott Trent, and Tamiya Onodera. A study of
REFERENCES


Odaira:2010:ERT

Ohkawa:2013:RHO

Olsson:2016:ERR

Oh:2015:MWA

Paul:2014:RTP

Parnin:2013:AUJ
REFERENCES

Pin:2014:UEB

Portillo-Dominguez:2016:ECP

Parker:2011:DPG

Pradel:2012:FAP

Park:2011:DCM

Pukall:2013:JFR


[PPS16] Jean Pichon-Pharabod and
REFERENCES


Pham-Quang:2012:JAD


Piedrahita-Quintero:2017:JGA


Pitter:2010:RTJ


Palmer:2011:BJM


Park:2012:CB

REFERENCES


[PTML11] Stergios Papadimitriou, Konstantinos Terzidis, Sefernia Mavroudi, and Spiridon Likothanassis. ScalaLab:

**Pufaitsch:2013:SIP**


**Powers:2017:BBG**


**Pina:2014:RDJ**

Luís Pina, Luís Veiga, and Michael Hicks. Rubah: DSU for Java on a stock JVM. *ACM SIGPLAN Notices*, 49(10):103–119, October 2014. CODEN SIN-

**Plumbridge:2013:BPR**


**Pizlo:2010:SFT**


**Qiu:2017:USR**

References

www.sciencedirect.com/science/article/pii/S0164121216302126

Rayns:2013:CJS

URL http://proquest.tech.safaribooksonline.de/0738438332.

Rauschmayer:2014:SJD


Rossi:2015:NPJ


Razafindralambo:2012:FFH


Robatmili:2014:MRL


Radoi:2015:ETS


REFERENCES

Richards:2011:ACJ

Ricci:2013:ETP

Richards:2013:FAC

Radoi:2015:WAR

Ravn:2013:EIS

Richardson:2014:BEL


References

Ricci:2011:SAO


Rudafshani:2017:LDD


Ramamohanarao:2017:SSM


Serbanescu:2016:DPO


Samuelson:2012:LSO


Sartor:2010:ZRD


Smaragdakis:2013:SBP

[Yannis Smaragdakis, George Balatsouras, and George]


Emil I. Slușanschi and Vlad Dumitrel. ADiJaC — automatic differentiation of Java

**Sousa:2016:CHL**


**Sridharan:2012:CTP**


**Shah:2012:AMJ**


**Sartor:2012:EMT**


**Stolee:2014:SSS**


**Seth:2013:UJV**

REFERENCES


REFERENCES

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  

Steele:2014:FSP  

Snellenburg:2012:GJB  

Singh:2012:EPS  

Spoto:2010:TAJ  
Sew:2012:NSI


Sew:2011:CCS


Stork:2014:APB


Steimann:2010:TMI


Schoberl:2010:NRT


Spoto:2010:MSL

REFERENCES

CODEN ATSMER. ISSN 1049-331X (print), 1557-7392 (electronic).

Spring:2010:RAI


Schoeberl:2010:WCE


Strom:2017:HLR


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

Samak:2014:MTS


Samak:2014:TDD


Samak:2015:SRT


Sutherland:2010:CTC

Dean F. Sutherland and William L. Scherlis. Composable thread coloring.
REFERENCES


REFERENCES


REFERENCES


[SVF12] Łukasz Szweda, Daniel Wilusz, and Jakub Flotyński. Application of NXT based robots for teaching Java-
SNIPPETS: TAKING THE HIGH ROAD TO A LOW LEVEL.


[Simon:2015:STH]

METAFTJIG: A METACIRCULAR COMPOSITION LANGUAGE FOR JAVA-LIKE CLASSES.

Marco Servetto and Elena Zucca.


[Servetto:2010:MMC]

AUTOMATIC FORMAL VERIFICATION OF MPI-BASED PARALLEL PROGRAMS.

Stephen F. Siegel and Timothy K. Zirkel.


[Taft:2013:TPS]

UNDERSTANDING THE BEHAVIOR OF DATABASE OPERATIONS UNDER PROGRAM CONTROL.

Juan M. Tamayo, Alex Aiken, Nathan Bronson, and Mooly Sagiv.


[Tamayo:2012:UBD]

INTEGRATED SYMBOL TABLE, ENGINE AND HEAP MEMORY MANAGEMENT IN MULTI-ENGINE PROLOG.

Paul Tarau.


[Tarau:2011:IST]


[Top11] Kim Topley. *JavaFX developer’s guide*. Developer’s library. Addison-Wesley, Ad-
REFERENCES


Toffola:2015:PPY


Taboada:2013:JHP


Taboada:2011:DEJ


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


REFERENCES


Ganesh Upadhyaya and Hridesh Rajan. Effectively mapping linguistic abstractions for message-passing concurrency to threads on the Java Virtual Machine. *ACM SIGPLAN Notices*, 50(10):840–859, October 2015. CODEN SINODQ. ISSN 0362-1340 (print), 1523-


REFERENCES

[VBMDP16] Santiago A. Vidal, Alexandre Bergel, Claudia Mar-
cos, and J. Andrés Díaz-
Pace. Understanding
and addressing exhibition-
ism in Java empirical re-
search about method ac-
cessibility. Empirical Soft-
ware Engineering, 21(2):
483–516, April 2016. CO-
DEN ESENFW. ISSN
1382-3256 (print), 1573-
com/accesspage/article/10.1007/s10664-015-9365-
9.

[VF10] Charles F. Van Loan and
K.-Y. Daisy Fan. Insight through computing:
a MATLAB introduction to computational science
and engineering. SIAM [Vit14]
Press, Philadelphia, PA,
USA, 2010. ISBN 0-
89871-691-8. xviii +
434 pp. LCCN QA297
enhancements/fy1007/2009030277-b.html; http://www.
loc.gov/catdir/enhancements/fy1007/2009030277-d.html; http://www.loc.gov/catdir/enhancements/fy1007/2009030277-t.html.

[VGRS16] Oscar Vega-Gisbert, Jose E.
Roman, and Jeffrey M.
Squyres. Design and im-
plementation of Java bind-
ings in Open MPI. Parallel Computing, 59(??):1–20,
November 2016. CODEN PACOEJ. ISSN 0167-8191
(print), 1872-7336 (elec-

[VG14] Vikas, Nasser Giacaman,
and Oliver Sinnen. Mul-
tiprocessing with GUI-
awareness using OpenMP-
like directives in Java. Par-
allel Computing, 40(2):69–
89, February 2014. CODEN PACOEJ. ISSN 0167-8191
(print), 1872-7336 (elec-

[Vit14] Jan Vitek. The case for
the three R’s of systems re-
search: repeatability, repro-
ducibility and rigor. ACM
SIGPLAN Notices, 49(7):
115–116, July 2014. CO-
DEN SINODQ. ISSN 0362-
1340 (print), 1523-2867
(print), 1558-1160 (elec-
tronic).

[Vit12] Jan Vitek and Tomas Kalib-
era. Introduction to the

VanCutsem:2010:PDP


VanCutsem:2015:RTC


VanNieuwpoort:2010:SHL


Vechev:2010:PPC


A. J. Wellings, V. Cholpanov, and A. Burns. Implementing safety-critical

**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).

**Wimmer:2010:AFD**


**Wendykier:2010:PCH**


**Witman:2010:TBR**


**Westbrook:2010:MJM**


**Wehr:2010:JBP**


**Wehr:2011:JIT**


**Wurthinger:2013:USD**

REFERENCES

[102x681] REFERENCES

[180x622] REFERENCES

[227x577] REFERENCES

[229x425] REFERENCES

[231x250] REFERENCES

[233x128] REFERENCES

[235x75] REFERENCES

[237x204] REFERENCES

123


Xi:2012:MDA


[229x425] REFERENCES


[231x250] REFERENCES


REFERENCES


[YKM17] Byung-Sun Yang, Jae-Yun Kim, and Soo-Mook Moon. Exceptionization: a Java VM optimization for non-
Yang:2010:JIP

Yi:2015:SCC

Yiapanis:2013:OSR

Yakahv:2010:VSP

Yue:2013:MSI

Zakas:2010:HPJ
REFERENCES

Zheng:2015:APP


Zheng:2016:CMD


Zhao:2012:PTI


Zhang:2015:SYB


Zhang:2015:LOS


Zhang:2012:RAJ


Zheng:2016:CMD


Zschaler:2014:SFJ


Zhao:2013:INT


Zhang:2014:AIO


Zeyda:2014:CMS


Zabolotnyi:2015:JCG


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


Zhang:2016:NVC


Zhang:2012:SRB