A Bibliography of Publications about the *Java Programming Language*, 2010–2019

Nelson H. F. Beebe  
University of Utah  
Department of Mathematics, 110 LCB  
155 S 1400 E RM 233  
Salt Lake City, UT 84112-0090  
USA  
Tel: +1 801 581 5254  
FAX: +1 801 581 4148  
E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)  
WWW URL: http://www.math.utah.edu/~beebe/  

01 March 2018 
Version 1.172

Abstract
This bibliography records books about the Java Programming Language and related software.

Title word cross-reference
3 [DiP18b, GBC12, JEC+12, ZXL16].  
3 [LTK17].  
15 [AÖ11].  
k [SD16b, SGG+17].  
Zp [AÖ11].  

-safety [SD16b].  
/multi [Taf13].  
/multi-threaded [Taf13].  
12 [Hol12].  
12th [Fox17a].  

2 [HD17].  
2002 [FLL+13].  
2003 [BCR13].  
2008 [HGCA11].  
2012 [HTW14, Hol12].  
2015 [LSBV17].  
27th [KP15].  

5 [KHR11].  
6 [Jen12].  
7 [Ano15, EV13, J+12].  
75 [HWM11].  

8 [LYBB14, SAdB+16, UFM15].  

9 [LSBV17].  
938 [Gun14].  
978 [Ano15].  
978-1-4493-1103-2 [Bro12].  
978-1-4919-4946-7 [Ano15].  

Abbreviated [SRTR17].  
ABS [SAdB+16].  
absence [AGH+17].  
Abstract


Bringing [CV14, HRS+17, STS+13]. Broken [dGRdB+15]. Browser [MSSK16, PV17, FIF+15, VB14a, WG+W11, YK14].

Browsers [HLSK13]. Browsix [PVB17].

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


Building [Sta10, HWW+15]. Business [CCA+12]. Bytcode [BDT10, BSG12, FHSR12, NS12, RDCP12, Rey13, AdCGGH16, CZ14, DLM10, SP10b, SMP10, VB14b].

C [BB12, CDG+17, GBC12, LSBV16, LSBV17, NED+13, SRT17, Sta10, Zak18, ZWSS15].


calculations [VSG17]. Calculi [FFF17].

calculus [AH10]. Call [FGR12, PUL016, ZWZ+14, Xue12, SSB+14a]. Call-site [SSB+14a]. calling [HB13, SSB+14a, ZWZ+14]. Calls [SW12, SS16], cane [Car11]. can [TPG15]. capabilities [Ame13]. capability [RDF15].

capo [SMSB11]. capturing [BKC+13]. Card [GMPS12, ABFM12, dCMMN12].

Cards [BH12, GMPS12]. care [EKUR10].

Caring [DA13]. carry [Ame13].


Changing [SSG+14]. channels [AGH+17, LS11].

Characterizing [CJ17]. check [GvRN+11].

Checking [BNE16, CSF+16, Cho14, JC10, JYKS12, ABFM12, BHSB14, BNS12, CVG+17, DLM10, FLL+13, HMDE12, KATS12, KvRHA14, LT11, RR14, RAS16, RDF15, TVD10, VYY10].

checkpointing [SGV12]. checkpointing-enabled [SGV12].

Checks [FMBH15]. CHERI [CDG+17].

chip [PS10, Puf13, RS12, SPS17].

chip-multiprocessor [PS10].

chip-multiprocessors [RS12]. choice [WBM+10].

CICS [R+13]. CIL [BBF+10].

circular [Gun14, SZ10]. Circus [ZLWC14].

City [Hol12]. Class [BS13, CSF+16, NCS10, HC10, MM10, SC16, TSD+12]. Classes [And14, SVB+17, WT11, CZ14, SZ10, TSD+12, VBDPM16].

Classes [SD16a].

classification [SS14]. Classifiers [BSA14].

Classifying [MHM10].

Classless [WZdSOS17]. clicker [HA13]. Client [MS14, OBPM17, KRH16].

Client-Side [OBPM17, KRH16]. Client-State [MS14].

Clojure [ECG12, FH11, VS10]. Closing [ZLHD15]. Closures [BO11, BO12, BO13].

Cloud [VDV17, GGC18, LZYMP16, TLMM13].

cloud-based [GGC18]. clustered [PDP+16]. clusters [TRTD11].

Cocoa [Sta10]. Coded [BH17, BNE16, HC11, MM16].
RVK15, RLMM15, SRTR17, SVB+17, SV15a, SED14, AGR17, AK13, CCFB15, DRN14, FH16, FMS+11, LGV10, NG13, OJ12, PMP+16, PSW11, RFRS14, RBV16, RO12, UTO13, VSG17, WKJ17, WGF11, WBA+11, WAB+11, WWS13, ZHL+12, ZXL6, ZWSS15. coding [LMS+12]. coherent [ZP14]. Cold [BZD17, WGF11]. collected [AGGZ10]. collecting [AHK+11].


Constraints [SGD15, LSSD14].
construction [CIAD13, RGEV11].
constructors [MME14]. constructs [PCL14, PTF+15]. consumers [DAA13].
Consumption [MV16], container [XR13].
containers [XR10]. Context [HWM13, MM16, TL17, HB13, IvdlS16, SSB+14a].
Contracts [YQTR15, HBT12, KT15, KKW11]. Control [FGR12, FHSR12, TT11, TNTN12, AdCGGH16, FWDL15, LSWM16, RHN+13, STS+13, TABS12, XHH12]. controlling [BKC+13, YDF15]. Convention [Hol12].
corpus [HCN14, LSBV16, LSBV17]. correct [AdCGGH16, AJL16, DJLP10].
Correctness [LL15, BENS12, Cho14].
Correlation [SDC+12, XHH12].
CPS [PDDD17]. CPU [PKO+15].
Critical [HL13, WK12, WCB16, ZLCW14, AGR17, DTL14, GMC+13, NMI0, Nl12b, RS12, SDH+17, CWW13, LWC17]. Cross [MMD17, AMWW15, BKC+13, GSS+16, KMZN16]. cross-cutting [AMWW15].
Cross-language [MMD17, GSS+16]. cross-program [KMZN16]. cross-thread [BKC+13]. Crowdsourcing [BH17].
customizations [LVG10]. customized [HB13]. cutting [AMWW15]. Cyclic [BMOG12, RS12].
D [DiP18b, GBC12, JEC+12, ZXL16]. DAA [DR10]. Data [Bra14, BMOG12, BA17, GM12, GTS+15, GT10, NHH16, NWB+15, TAF+18, dMRH12, BK14, BB17, BOP17, BBX13, BJBK12, CDTM10, CRP+10, DFR13, DHH+12, EKU10, FOPZ14, KB17, LDL14, MRA+17, NL14, SAD+16, SS+14, SS+17, UMP10, WK17, WCG14, XZ13, XMA+10, ZIvS17]. data-centric [DHH+12, FOPZ14]. Data-Parallel [NKH16, CRP+10]. database [Dei10, EKU10, TABS12]. databases [EKU10, MLGA11]. Dataflow [BR12].
deadlock [CHMY15, SR14a, SR14b]. Dean [Bro12]. debugging [ASdMG14, BM14, KS14, TB14, ZFK+16].
December [LSBV17]. Deciding [SGD15].
decision [RBV16]. Declarative [DRN14, RS12, FOPZ14, MME+10].
Decomposition [AGH+17].
deconstructing [ACS+14]. decoupled [LPA13]. deduplication [HOKO14].
Default [BG17, SNS+14]. defects4j [MDS+17]. defined [FMS+11]. Definite [NS12]. Definition [SSB14b, AK13, SSB01].
demand [FWDL15, ZHL+12]. demand-driven [FWDL15]. DemoMatch [YKSL17]. demonstrations [YKSL17].
Deoptimization [KRCH14]. Dependence [PDDD17, JWMC15]. Dependence-driven [PDDD17].
Design [AC16, ETTD12, MLGA11, Puf13, RTE+13, SW12, TRTD11, TKL+15].
VGRS16, YCYC12, BBXC13, CSdL16, GSD+v15, IRJ+v12, OA17, SAدب+B16, SMSB11, VM10, Xue12]. Designing
[Sev12b, KHR11]. Desktop [GS11].
destructive [FF10]. Detecting
[BK12, HLO15, PilCh11, XR10, FF10]. Detection
[BH10, BSOG12, KCD12, MS14, RD15, XMA+v14, AMT17, CSK17, LMK16, LS11, ODL15, PG12, RDF15, RW17, SR14a, SR14b, SS14, WCG14, XXZ13, XR13].
detectors [LWH+v10]. Determinacy [AM14]. deterministic [DNB+v12, MvH15].
developer [EV13, Top11, ZZK13].
Developers
[Bro12, BMR14, DJB16, HH13, Wam11]. developing
[R+v13]. Development
[ABK+v16, AYZ10, AGR17, FRGPLF+v12, PSW11, SKR17, SH12, WBA+v11, ZDS14].
Device [TTD+v11, XHH12]. Devices
[GPT12, JQJ+v16, MV16, ETR+v15, Xue12].

DFC [BR12].
diagnosis [RW17]. DiAl
[STCG13]. dialects [BvdS17]. difference
[PS11]. differential [CSS+v16].

Differentiation [FHP+v12, PQD12, SD16a].
digital [JMO14].
dimensional [TGZ17].
Directed
[STR16, CSS+v16, EP14, Lei17, NG13, NED+v13, WM10].
directives
[VGS14]. Discovering
[Sev12a]. discovery
[YKSL17].
discrete
[DDDF17]. Disease
[PE11].
dissimilar
[Has12].
Distance
[ZW13].
distributable
[CRAJ10].

Distributed
[BVEAGYA10, LTD+v12, LM15, MAHK16, PE11, BVGVEA10, BVGVEA11b, BVGV14b, CRAJ10, EABVG14, STCG13].
distributing
[TGZ17].
divide
[SBF+v10].
Do
[HH13, Han15].
Does
[BRGG12, Rub14].
DOJ
[HeYJD12].
DOM
[GGC18].

DOM-Based
[GGC18].
Domain
[KSPK12, CSdL16, EEK+v13, HWW+v15, PIR17].
domain-specific
[CSdL16, EEK+v13, HWW+v15].
dominance
[CPST14].
DoubleChecker
[BBSB14].
down

[Ke15, ZMNY14].
drf
[MSM+v16].
DRFX
[MSM+v10, SMN+v12].
Driven
[CCAO12, CHM13, FWDL15, MTL15, RDD17, SR14b].
drug
[EKUR10].
DSL
[KARO12].

DSLs
[KHR11, RO12, SC16].
DSU
[PYH14].
Dual
[AD16].
Dual-Pivot
[AD16].
Dynamic
[AGM+v17, ABMV12, ASF17, CHMY15, MVdL12, PTHH14, RDF15, XMA+v14, ZKB+v16, AF12, BDB11, BK14, BCD13, BOF17, CSV15, CPST15, ELW15, GYB+v11, HW13, KRCH14, KRR+v14, KT14, LWH+v10, LG10, MKZ+v14, Nii12b, NG12, NED+v13, RLBV10, RCR+v14, RRB17, SR14b, SJPS10, SH12, TPG15, VBAM10b, WXR16, WBA+v11, WAB+v11, WWS13, WWH+v17, ZBB15].
dynamic-memory
[GYB+v11].
dynamically
[CZ14, CMS+v12, HeYJD12].
Dynamo
[BDD11].
e-Science
[SGV12].
ease
[DRN14].
Easy
[Jaf13, CRP+v10].
economic
[CSV15].
economics
[SGJL10].
Edition
[Ano15, LYBB14].
editor
[EKR+v12].
Editorial
[Fox17a].
Editorials
[Fox17b, HTW14, RHT13].
EDSLs
[RDP16].
Educator
[BA17].
EE
[Jen12, MCC17].
effect
[CCFB15].
Effective
[BM14, PTML11, RD15, CSdL16].
Effectively
[UR15].
effects
[FH16, HAW13, Le17].
Efficient
[DVL13, GPT12, HWM11, HB13, KT14, KW10, OOK+v10, RSF+v15, RFB314, SMN+v12, TLX17, TD17, AK13, BHSB14, CRP+v10, ETR12, HWM10, KKW11, MRA+v17, MJS+v10, Sie17, SG12, SWB+v15, SV15a, TRTD11, UMP10, VVJB10, XXZ13].
Efficiently
[FHH17, BKC+v13, FOPZ14].

Einsatzszenarien
[Sch13].
Einsteiger
[Ric14].
Elektronik
[Ric14].
Elektronik-Projekte
[Ric14].
Elephant
[HRG13].
Elimination
[RKN+v18, GvRN+v11].
elision
[NM10].
Elliptic
[GPT12].
Eloquent
[Hav11].
Embedded [Fox17b, HTW14, JMB12, KARO12, Pau14, SLES15, SLE+17, TKL+15, VK12, Dei10, Fox17a, GMC+13, HTLC10, KHR11, LMK16, LTK17, OIA+13, RHT13, SC16, SDH+17, SFR+14, UIY10, Xue12, ZYZ+12]. embedding [KMLS15, SC16].

Empirical [LSBV16, LSBV17, SS13, XWR16, BJBK12, FH16, HH13, MHR+12, NCS10, SH12, VBDM16, VBM16]. Employing [CC15].


d-end-user [DAA13]. energy [CL17, PCL14]. energy-aware [CL17]. enforcement [IF16].

enforcing [JWMC15]. engine [MGI17, OUY+13, Tar11]. Engineering [CCA+12, VF10]. engineers [Bra14].

engines [KRH16, SSG+14]. enhanced [LMK16, WBA+11]. Enhancing [BDT10, BVGVAE13, DeSG12, HC10].


Environment [Köl10, PTML11, EKR+12]. environments [EABVGV14, GHL+10, HKO14, KF11, RDP16, RCBI7, SGP12].


ERAM [Sch10a]. Erratum [HWM11].

error [eBH11]. ES5 [DFHF15]. Escape [SLES15, SLE+17]. estimation [LMK16].

etched [VSG17]. Ethereum [Dan17]. eval [Mil13, MRMV12]. Evaluating [BGK17, BLH12, MDHS10].

Evaluation [GBC12, JMB12, OCFIU4, TTS+10, Wan11, CSK17, MRA+17, MD15, WWH+17].

Evaluating [JB12]. Event [KW11, MV16, BBP13, KW10, MTL15, WK12, YP10].


Exceptionization [YKM17]. Exceptions [ASF17, AdCGGH16, HDM17, SMN+12, ZBB17]. Execution [OwKPM15, JLI17, JIEd11, LLL13, RB17, SPPH10].


Exogenous [BMSZ17]. Experience [ABMV12, OW16, Sch10a, CBLFD12, TRE+13, WT10]. experiment [MDS+17, HWLM11]. explicit [NGB16].


EXPLORER [FWDL15]. Exploring [JL13, JWM15, SE12]. exposed [VBD16]. Express [JQJ+16].

Expression [NS12, PIR17]. expressions [GM15, MKTD17]. expressive [VYY10].

Extended [DDDF17, FGR12, FLL+13, JCI0, LMK16, PDPM+16]. Extending [AC10, BVPV11a, LPA13, PTHH14].

Extensible [ZiS+17, ER14, KMLS15, MBBO13].

Extension [RSH12, LE16, MLGA11].

extensions [Zhan12]. Extensive [Wan11].

Extracting [CCA+12, KM10]. Extremal [LTD+12]. Eye [RLMM15, Guy14].

Eye-Tracking [RLMM15].

F [GMT14, TTD12]. F-bounded [GMT14].

F-MPJ [TTD12]. FAA [Sch10a].

FACEADE [NBW+15]. face [XH12].

Facebook [Ano13]. Facets [ASF17, AF12]. facilities [BVGFA]. FAD.js [BB17].

failing [STR16]. failures [CRA10]. false [HWI+12]. familiarized [Ame13]. family
family-based [KvRHA14]. Fast
[CVGM+17, CSGT17, HyG12, SBM14, SLF14, Zak18, BB17, KMMV14, KCP+17, MDM17, MHBO13, SV15b]. Faster
GPU [PKO +15], GPUs [Hos12], grade [CRJ +10], Gradual [RSF +15, SFR +14, TSD +12, Sie17], grounded [DRN14], grammars [GN16, SHU16], granularity [CZ14], Graph [dMRH12, BS13], Graphical [SLS +12], Graphics [Cec11, LLL13], heuristics [BS13], hierarchy [IRJ +12], growth [LDL14], guarantees [JWMC15, ZHCB15], GUI [CN13, VGS14, WBA +11], GUI-awareness [VGS14], Guide [Ame13, Oak14, Rau11, Top11], Guided [CN13, DiP18b, MMP15, GY16, PSNS14, Ame13, Oak14, Rau14, Top11], Guidelines [GGZ +12, SSH17], Handling [KW11, ECS15, HWM14, KW10, WK12], happened [Han15], happens [TD15], happened-before [TD15], hard [LTK17, Puf13], Hardware [SKKR11, SP17, CBGM12, IN12, SE12], hardwired [OUY +13], hash [SV15a, SV15b], hash-array [SV15b], hashing [GRF11], HDFS [IRJ +12], HDL [OUY +13], health [EKUR10], heap [CSV15, LDL14, TLX17, Tar11, VYY10, PS10, BVGVEA10], heap-manipulating [YS10], Helping [RT14], Hera [MS10], Hera-JVM [MS10], Heterogeneous [AS +16, HHH +14, Rub14, AYZ10, 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, RFBJ14, TTD +11, TGZ17, VJWJ10, WWH +17, TRE +13], high-dimensional [TGZ17], high-level [Hos12, RFBJ14, VJWJ10], High-Performance [WN10, GSS +16, BRWA14, TTD +11, WWW +17], higher [KT15], higher-order [KT15], highly [BP10, SPP +10], history [DRN14], hit [Ane13], Hoare [SD16b], hole [Ane13], Holistic [MAHK16], HOP [D’H12], Hopjs [SP16], hosted [CBLFD12], hot [LMK16], HotSpot [Sch13, BOF17], HotWave [ABMV12, VBAM10b], IaaS [Sta10], HTML5 [HLO15, NKh16, Ano15], Hunting [GCG18], HVM [LTK17], Hybrid [CHM16, JQJ +16, JMO14, KCD12, VDV17, ZMNY14, ZMM +16, AD13, HyG12, SWB +15], Hybris [VDV17], hygienic [DFH15], hypervisor [GMC +13], IaaS [ZLHD15], identification [BZD17, FMS +11], Identifier [SRTR17], identifiers [FMS +11], Identifying [IN12, SVB +17], if [Han15], illuminating [BK14], Image [WN10], immutability [HMDE12, ZPL +10], immutable [SV15b], impact [CMS +12, Gra15, HWLM11, WK17], imperative [FRFR14], implement [HD17], Implementation [CSF +16, GPT12, HM12, OA17, VGRS16, YP10], implementations [CSS +16, OJ12], Implementing [F17, GM12, WCB16, EKE +13, FBH17, PMP +16], implications [BRGG12], implicit [IvdS16, SPAK10], imply [BRGG12], Improve [QSAS +16], Improved [KRR +14, UIY10, OJ12, XHH12], Improving [ACS +14, HW +12, TWSC10, eBH11, UTO13], in-depth [Rau14], in-place [DVL13], incremental [DS16, ELW15, UIY10], independent [IF16], industrial [CRJ +10], inefficiently [XR10], inefficiently-used [XR10], Inference [BO13, YHY13, AGGG10, CGJ +16, HyG12, HMDE12, Zha12], inferring [AS14, BENS12], InfiniBand [ETTD12, IRJ +12], infinite [ASdMG14], Inflow [ZMM +16], influence [MHR +12],

GMC+13, GT10, GJS+13, GJS+14, Gri17, GPT12, GK15, HL13, HD17, Hdm17, Has12, HWM10, HWM13, HWM14, HA13, HM12, HTLC10, HKVG14, HH13, HOK14, HGCA11, Hor11, Hor12, HC13, HC10, HWLM11, HJJ12, IN12, IN12, IF16, JC10, JEC+12, JQJ+16, JJJL14, JG12, JB12, JYKS12, JTO12, JH11, J+12, JMB12, JMO14, KHR11, KHM+11, KMLS15, KS13, KX10, KW11, KM10, KSR14, KSPK12, KS14, KF11, LSVB16, LSVB17, LTD+12, LMK16, LSWM16, LLL13, LT11, LT14, LZYP16, LYBB13a, LYBB13b, LYBB14, LZ12, Loc13, LMS+12, LO15]. Java

[LP13, LWC17, LTK17, LS11, Lyo12, MKZ+14, MS13, MME+10, MLGA11, MDS+17, MCC17, MPM+11, MZC10b, MKTD17, MM16, MHS10, MA12, MB12, MCY+10, MSS10, MvH15, MT14, MDHS10, NM10, NC10, NS12, Nil12a, Nil12b, NG13, Oak14, OOK+10, OMK+10, OIA+13, OUY+13, OW16, OJ12, OCF114, PPI1, PML11, PML14, PTHH14, PL12, PiLCH11, PBHM13, PPMH15, PMP+16, PQD12, PVH14, PTF+15, PS10, PDP+16, PSW11, Pu13, PKC+13, QLBS17, RD15, RCBO12, RTE+13, RTET15, RR14, RS12, RT13, R+13, RBL12, RAS16, RSI12, Rey13, Rezi12, RVP11, RLM15, RB15, RV14, SSB+14a, SE12, SRT17, ST12, SS12, Sch14, Sch13, Sch10a, SPPH10, SKKR11, SDH+17, Schi10, SSMG10, SZ10, Set13, SMB11, SMS12, SDM12, SW12, SGV12, SKBL11, SD16a, SPS10].

Java [SLS+12, SKR17, SS14, SP10b, SMP10, SP+10, SBW+15, SB01, SB14b, SPS17, SSG+14, STS+13, Sve14, SWF12, TRTD11, TTD+11, TTD12, TRE+13, TLL11, TWX+10, TPFP14, TWH12, TTN12, TGZ17, TML+15, U15, UF15, VSG17, VGRS16, VBDPM16, VBMDP16, VG14, VBAM10a, VBAM10b, VBMA11, WGF11, Wam11, Wzs10, WBM+10, WK12, WCB16, WNI10, WRI+10, WHY+13, WHIN11, WBA+11, WAB+11, WWS13, XHH12, XR13, XMD+17, Xue12, YP10, YKM17, YDF15, Zvd17, Zak12, ZP14, ZLCW14, ZHL+12, ZXL16, ZKB+16, ZWS15, ZPL+10, ZDS14, dCM12, dMR12, eBH11, hED12]. Java-Based

[AGP11, SLS+12, SWF12, CJ17, HOKO14, JMO14, KS13, KB12, MCY+10]. Java-compatible

[ABCR10]. Java-like

[BDG13, BCD13, DJLP10, SZ10]. Java-to-HDL

[OUY+13]. Java-to-JavaScript

[LSWM16]. Java.utils.Collection.sort

[dGR15]. Java/JSP

[Sch10b]. JavaBean

[MZC10]. JavaCC

[GN16]. JavaCOP

[dGR15]. JavaBIP

[BMSZ17]. JavaCC

[WT10, WT11]. JavaScript

[Ano15, Ric14, AMT17, ACS+14, AKH+15, AGM+17, AMW15, BCF+14, BBP13, Cec11, CGJ+16, CVG+17, CCLF12, Cho14, CHJ12, Dei10, Dei11, DeSi12, DiP18a, DiP18b, DHF15, FMM+11, FM13, FH16, FBH17, FSC+13, FZ17, FOPZ14, GMS12, Guo17, HyG12, Hav11, HBS16, HLSK13, HHSS13, HC11, KRI12, KSW+14, KR16, KT14, Ker15, KFBK+15, Ke10, KBL14, KARO12, Kri12, LSWM16, Ler10, LVC10, LPGK14, Liu14, LML17, MTL15, MTP12, MGI17, MHL15, MRMV12, Mil13, MM12, MMP15, NHH16, NSDD17, OBPM17, PWS17, PRR14, PS15, PDD17, PKO+15, Rau14, RLBV10, RGEV11, RHN+13, RW17, Ryu16, SMN+18, Sev12a, Sev12b, SVB+17, SDC+12, Sta10, Ste10, SR17, SFR+14, TAF+18, TT11, VM15, VB14b, Wal12, WX16, YW13, Zak18, Zak10, dJM18, KCD12, Mei14]. JavaScriptCore

[Piz17]. JaVerT

[SMN+18]. JAWS [PKO+15]. JBIInsTrace

[CZ14]. JCloudScale [ZLHD15]. JCML

[dCM12]. JCSI [ABFM12]. JCP

[WBM+10]. JDiffraction [PQT15].

JDM [ZP14]. JEqualityGen [GRF11].


Lake [Hol12]. lambda [MKTD17]. lambdas [UFM15]. landscape [Sve14]. Language [DLPT14, GJS+13, GJS+14, JC10, KSPK12, MAHK16, Sev12b, SS13, ABCR10, CMM17, CSdL16, DAA13, EKR+12, Fee16, GSS+16, Hos12, HHW+15, KRCH14, LWH+10, LE16, MDM17, SC16, SZ10, SKR17, SNS+14, VB14a, WCG14, WHW+17, ZWSS15, dCMMN12].

[GMS12, SD16b]. loop [DD13, HWI12].
Loops [RD15, LLL13]. loss [WHIN11]. Low
[ETR15, GM12, SWU15, WCG14, ZHCB15, ZFK16, BCR13, XMA10].
Low-Budget [GM12]. Low-latency
[ETR15]. Low-level [WCG14].
Low-overhead [ZHCB15, ZFK16].
low-utility [XMA10]. lunch [DTL14].

m [MZC10b]. m-JGRIM [MZC10b]. M2M
[Pau14]. Machine
[LYBB14, Ame13, CBLFD12, KS13, KC12, Pay17, SSMD10, WGF11, WHV13, BZD17, LYBB13a, LYBB13b, U15].
Machines [AGR12, GTS15, JK13, KRC14, NK10].
macros [DFHF15]. Magic [SP10b].
Magic-sets [SP10b]. Magnitude [BNE16].
major [Ano12]. Making
[Loc13, Sta10, PS11]. malformed [SHU16].
Malicious [KCD12]. malleable [MZC10a].
malware [CSK17]. Managed [MAHK16, BM14, CBGM12, GTL10, ZLvdS17].
Managed-Language [MAHK16].
Management [Pau14, AHK15, BVG14a, EKUR10, HB13, KCP17, KB17, Nil12b, PCL14, SWB15, Tar11, WGW11].
manipulating [YS10]. Manipulation
[MS14]. manual [KCP17]. many
[GTSS11]. Map [BBB17]. mapped
[SV15b]. Mapping [LTD12, UR15].
MapReduce [LYYP16, RFRS14, SKBL11].
maps [NFV15]. mashup [ETR12]. masses
[dJM18]. Mathematical [BW12].
Mathematics [JIM18]. MATLAB
[Alt12, FBH17, PMTL14, VF10, Has12].
MATLAB-like [PMTL14]. matrix
[HD17, TGZ17]. matters [DJB16]. Maxine
[WHV13]. ME [GM12, XHH12].
ME-Based [GM12]. mean [Rub14].
measurement [YW13]. Measuring
[DW10, DTL14, Gra15, JH11].

mechanical [ZZK13]. mechanised
[BCF14]. Media [Bro12]. meets
[KHL13]. Memento [CPST15].
memoization [TPG15]. Memory
[BG17, JYKS12, MSM16, SS14, AHK11, AHK15, AGG10, BSM16, CWW13, DLZ13, DVL13, FC11, FF10, GYB11, HBB14, HB13, KHL17, KCP17, KB17, Loc13, MSM10, Nil12b, OMK10, RW17, SMS12, SMN12, SWB15, SV15a, Tar11, TVD10, WGW11, XR13, ZP14, ZHCB15, ZBB17]. MemSAT [TV10]. Mergesort
[LL15]. merging [TLX17]. Message
[KF11, ETTS12, TRD11, TTD12, UR15].
message-passing
[ETT12, TRD11, TTD12, UR15].
messages [eBH11]. meta [MD15, SZ10].
meta-circular [SZ10]. meta-compilation
[MD15]. metadata [DVL13]. MetaFJig
[SP10b]. metaheuristics [DDDF17].
metaprogramming [PS11]. Method
[AC16, BVG14a, GD12, AST12, AJL16, HMDE12, SS16, VBMD16].
Method-Level [AC16]. Methods [MM16, Pau14, Bra14, GRF11, LSBV16, LSBV17].
Metrics [Sch13]. Metriken [Sch13].
Microscopic [RXK17]. Microsoft
[Ano13]. Middleware
[RTE13, HOKO14, HWLM11, MZC10b]. middleware
[IF16, MT14]. midstream
[SSG14]. Migrating [AST16, CDTM10]. Migration [OwKPM15, Fee16]. migrations
[TFPB14]. Miniboxing [UTO13]. minimal
[CNS13]. mining [DRN14]. Mint [WRI10].
minute [DHS15]. minutes [UBT13].
misconfigurations [MCC17]. Mismatch
[YCYC12]. misses [IN12]. Missions
[WCB16]. Mistakes [BA17]. Mitigating
[KC12]. mixed [CL17]. Mobile
[GM12, GPT12, MV16, XHH12, GGC18, KN11, MZC10b]. Model [CSF16, CDG17, CCA12, DLR16, JYKS12, MSM16, MCC17, MV16, BVG11a, CHM13, CWW13, CV14, DLZ13, GY16, HAW13,
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].

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

Objects [BS12, RKN+18, MHL15, SK13, WXR16, BVGVEA10].

Observations [AAB+10], OCTET [BKC+13]. odeToJava [KS15].

Offloading [ZHL+12], on-demand [ZHL+12]. on-the-fly [UJR14]. ones [AST+16]. Online [NG13, GGC18, HCV17, NK10]. only [NM10].

Ontology [KSPK12]. OoOJava [JhED11]. Open [BSA14, GD12, CJ17, EKUR10, VGRS16].

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


operations [TABS12, TGZ17]. Operator [FQD12]. opportunities [TPG15].


Optimization [LTD+12, YKM17, AFG+11, BDB11, DDDF17, JMO14, KS13, KC12, NG12].

Optimizations [DR10, BB17, CPST15, DS16, NG13, SAdB+16]. Optimizing [SV15b, YRHBL13, HWW+15, KRH16, MD15, ZLBFI4]. optional [CMS+12].

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

Order [SGD15, JhED11, KT15, TD15].

ordering [KC12]. Orders [BNE16].

ordinary [MZC10a]. O'Reilly [Ano15, Bro12]. Oriented [ABMV12, BH10, GS11, AST+16, DDDF17, EABVG14, MHBO13, PTHH14, RVP11, VM10, VBAM10b, WBA+11, ZDS14, hEYJD12].

OSck [HDK+11]. OSGi [BVGVEA13]. OSS [ZMM+16]. other [EKUR10, KS13].

out-of-order [JhED11]. output [KM10].

Over-exposed [VBDPM16]. overhead [BCR13, ZHCB15, ZFK+16]. 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]. panic [Ano12].

Paper [DDDF17, PDPM+16, SV15a]. Papers [DVL13, HL13, LMK16, PuF13].

Parallel [DS16, Esq11, LLL13, MKG+17, NKH16, QSaS+16, RD15, RSI12, BP10, BBP13, BSMB16, CRP+10, NG12, NG13, PPMH15, Sie10, SZ11, TTD12, TaF13, VY10, WYN10].

Parallelisation [GS11]. Parallelism [NKH16, BENS12, HHSS13, MZC10a, RHSD15, TWL12, ZLB+13].

parallelization [SLS+12, YRHBL13]. parallelize [LPA13].

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

Parametric [AGGZ10, PULO16, UTO13].


Partitioning [AD16, BS12]. party [FOPZ14, LVG10].

passing [ETTD12, TRTD11, TTD12, UR15]. Path [SGD15, DD13, HHSS13, SMP10].

path-length [SMP10]. Path-Sensitive [SGD15]. Pathfinder [RR14].

patient [EKUR10]. patient-level [EKUR10].


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


join [MZC10a]. JSP [Sch10].

MSM [CCH11, DR10, GBC12, Hol12, HJ12, MSM+16, Oak14, OCFL14, QSaS+16, TRE+13, TPG15, THC+14, WN10, ACS+14, AAB+10, BRGG12, BRWA14, CBGM12, Dei11, GSS+16, HWI+12, IRJ+12, JH11, ODL15, PSNS14, SE12, TTD+11, TXW+10, WHN11, WWH+17, Zak10].

performance-guided [PSNS14].

permission [HBT12, SNS+14], permits [PPS16]. Persistence [LZ12]. Perspective [YHY13]. Pert [LZ12]. pervasive [MHH10].

PHALANX [VYY10]. phase [KC12].


Platform [AFGG11, PE11, BD17, CRJ+10, GMC+13, MKZ+14, PWA13, YP10].

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

PLDI [FL+13]. pluggable [MME+10].

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

Pointers [KKN+18, AT16]. Points [BK12, SDC+12, DH15, SB13, TLX17].

Points-To [SDC+12, DH15, SB13, TLX17]. Policies [FHSR12, MPS12, BVG14a]. policing [DW10]. policy [JK13]. polyglot [EV13].

Polymorphic [Zha12]. polymorphism [GTM14, PUL016, UTC13]. POPL [BGR13].

Popular [Has12].

Popular-but-Seaningly-Dissimilar [Has12]. portable [LTK17, RGM13]. portal [MCY+10].

Power [MV16, Pau14, BRGG12, CBGM12, THC+14]. pp. [Bro12]. PQL [RS12].

Practical [AMT17, JACS10, SLES15, VS10, WWH+17, FIF+15, WT10].

Practice [HGCA11, AS14, EKUR10, LWC17, TRE+13]. practices [CJ17, YW13].

pragmatic [RO12]. pre [SB13].


prediction [ZWZ+14]. presence [ZBB15]. preserving [AK13]. pressure [DTLM14].

pretenuring [BOF17]. Preventing [MSSK16]. Primer [YCYC12].


Proactive [CL17]. PROB [YB10].

Probabilistic [RB16, Gy16, ZWZ+14].

Problem [YHY13, ZW13, J+12, KC12].


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

Processing [LLL13, WN10, SB13, SSG+14, UJR14].

Processor [TLK+15, Puf13, SPPH10, SMG+12].

Processors [AVS+16, MKG+17].

producers [DAA13].

product [BTR+13, KATs12, KrH14, SV17].


profilers [MDHS10]. profiling [DD13, JH11, KR16, NK10, RC17, SSB+1a, STY+14, THC+14, XR13, ZBB15].

Program [BGK17, KKW14, RV15, RT14, ZKB+16, AO11, DS16, GMS12, HC14, JJ17, JWMC15, KM10, MKZ16, MKZ+14, NS13, Sch10a, SPY+16, TABS12, WGF11, ZMG+14]. Programmable [OAI17, AYZ10].

Programmers [Esq11, RLMM15, RAU14].

Programming [AFGG11, ABMV12, BGR11, Bro12, BA17, DLPT14, HWM11, HGCA11, KOL10, KSP12, LM15, MK16, PTML11, RS12, RB15, SS13, Sub11, Alt12, AMW15, BCvC+13, BM14, BSMB16, BRWA14, CL17, ECG12, EV13, FMBH15, Han15].
HA13, Hav11, Lew13, MSM+10, MvH15, OW16, PTF+15, RVP11, RFBJ14, SNS+14, SGG+17, TB14, UFMI15, VWJB10, VBAM10b, Wan11, WRI+10, WBA+11, ZWSS15. Programs
AGR12, BH17, BR12, BMOG12, GS11, JB12, LTD+12, STST12, SS12, SDM12, SR17, XMD+17, ZLCW14, ADSCGM14, AdCGGH16, BA12, BNS12, DJLP10, ETS15, ES14, EP14, Fer13, HL13, IN12, LO15, LPA13, MRMV12, NG12, OJ12, PL12, RR14, RAS16, RLBV10, SMS+12, SZ11, SJS10, SHU16, Taf13, YS10, dCMMN12, hEYJD12.


Quality [BNP11, CCFB15, WKJ17]. Quantitative [CPV15, GY+11, MRA+17]. queries [HK15, MRA+17, SGG+17]. query [FWDL15]. query- [FWDL15]. questions [KM10]. Quicksort [AD16].


[Rau14, Sam12]. Special
[DV13, Fox17a, HL13, HGC11, Puf13, HTLC10, RT13, HTW14, VK12].
specialization [KRR+14, SV15a]. specific
[CSdL16, EEE+13, HWW+15].
Specialisation [KRR+13, GJS+14, IF16, KW11, LN15, LYBB13a, LYBB13b, LYBB14, TWH12, BVGVEA11a, BCF+14, KR12, KW10, MRA+17, YP10, deCMMN12].
specializations [BEN12, TVD10]. specified
[BCR11]. Specifying [BNS12, HL13].
Speculation [AC16, MG17]. speculative
[BB17, YRHBL13]. speed
[HRS+17, SBF+10, UTO13]. SPIN
[AsdMG14]. SPL [BTR+13]. splittable
[SLF14]. SPOON [PMP+16]. spot
[LMK16]. SPUR [BBF+10]. SQL
[KMLS15]. SqueakJS [FIF+15]. SSNTDs
[VSG17]. Stability [BSA14, LL15].
stabilizing [HED12]. stack
[KRCH14, Xue12]. stack-based [KRCH14].
stage [WRI+10]. staged [SC16]. staging
[RO12]. standard [LMS+12].
Standardization [TWH12]. StarL
[LM15]. State [AGR12, BLH12, MVD12, MS14, GN16, YP10]. state-
[YP10]. statecharts [MS13].
Statement [XMD+17, PLR14, ZWSS15]. statements
[PLR14]. Static
[BGK17, BNE16, JC10, MTL15, ODL15, PiLCH11, RD15, SW12, SH12, AM14, CGJ+16, Fer13, FLL+13, IF16, KSW+14, LS11, MHR+12, PIR17, TLM13].
statically [BTR+13, NED+13]. statistical
[Bra14, ZFK+16]. statistically [PPMH15].
statistics [HCN14]. stealing
[KFB+12, TWL12]. STM [CHM16, Sub11].
STM/HTM [CHM16]. stochastic
[CRAT+12]. stock [PVH14]. Stop
[LWB+15]. Storage [Hol12, VDV17]. Store
[BS12, Sta10]. stores [DFR13]. Story
[Ano14]. strategic [BMR14]. strategy
[PDP+16]. Stream
[KBPS17, MV16, BRWA14, SSG+14].
streaming [MRA+17, STG13].
StreamJIT [BRWA14]. StreamQRE
[MRA+17]. streams [SGG+17, UFM15].
Strength [KCD12]. String
[HOKO14, CSK17]. Strings
[HWM11, HWM10, LSSD14]. strong
[UFP10, ZHCB15, ZBB17]. structure
[LO15, UFP10]. structured [LSWM16].
Structures [GT10, CDTM10, XMA+10].
studies [EKUR10]. Studio [RT14, FH16].
Studio-Based [RT14]. Study
[OBPM17, RLMM15, ZMM+16, BRGG12, CCFB15, CJ17, ECS15, KFBK+15, MHR+12, NCS10, OMK+10, PTF+15, SH12, TFPB14, VBDPM16, WXR16, YW13]. style
[UFM15]. substitute [PPMH15]. substrate
[GTL+10]. subtypes [HL13]. Subtyping
[LN15]. suite [SMSB11, BB12]. Suites
[GGZ+15]. Summaries [BH17].
Summarization [MM16, RLMM15].
Superblock [KS13]. Supercharged
[Cec11, GBS13]. Superposition [HD17].
supertype [RRB17]. supervenience
[Rez12]. Support
[CSG17, KKK+17, RKN+18, BVGVEA13, DVL13, GMC+13, Hos12, NGB16, SMM+12].
supported [FMM+11]. Supporting
[LVG10, EKUR10]. Surgical [RSB+14].
surprises [FMBH15]. Survey
[AGM+17, BCC+13]. SurveyMan [TB14].
surveys [TB14]. suspension [TWL12].
sweeping [KBL14]. Sweeten [DFHF15].
Swift [ZY+12]. SWIM [Sch+10a]. symbol
[Tar11]. synchronench [Gra15].
synchronisation [CHY15, WBM+10].
synchronization [DHM+12, Gra15, Sub11].
Synchronized [BG17].
Synchronized-by-Default [BG17].
Synchronous
[BVEAGV10, SK12, MVH15]. syntactic
[LE16, QLBS17]. Syntax [SI13, KMMV14].
synthesis [SR14a, STR16, SS16].
synthesizable [ABCR10]. synthesizer
[OUY+13]. Synthesizing
Technologies [LBF12].

**Teaching**

[HA13, SWF12, CHM13, ZDS14].

**Tableau** [FFF17].

**Tales** [Sew12].

**Talk** [Piz17, Sie17].

**Taming** [Piz17, Sie17].

**Tardis** [BM14].

**TaskLocalRandom** [PPMH15].

**Tasks** [PWSG17, HAW13, PPMH15, SPP10].

**Taurus** [MAHK16].

**Taxonomy** [SS14].

**Teaching** [HA13, SWF12, CHM13, ZDS14].

**Teasing** [LB12].

**Techniques** [RD15, EV13, KS13].

**Technologies** [Fox17b, HTW14, KV12, Fox17a, HTLC10, KFBB15, NL14, RHT13].

**technology** [NED13].

**TeJaS** [LPKG14].

**Template** [MME14, HJS10].

**templates** [FOPZ14, AK13].

**term** [AHK+11].

**Terminating** [FFF17].

**Termination** [BMOG12, RDPC12, BSOG12, SMP10].

**Test** [AGM17, BB12, GGZ15, PSNS14, SR14a, SKR17].

**tested** [Mil13].

**Testing** [Amc13, BR12, Hin13, MM12, MMP15, CSS16, CNS13, Ler10, TD15].

**tests** [AO11, NYC012, SRJ15].

**Textbooks** [BNP11].

**their** [RD16].

**theorem** [SSH17].

**There** [Esq11].

**thin** [PPS16].

**thin-air** [PPS16].

**things** [McK16].

**Think** [WR10].

**Third** [Aoo15, FOPZ14, LGV10].

**third-party** [FOPZ14, LGV10].

**THOR** [TWX10].

**Thoth** [KB17].

**thread** [BKC13, CRAJ10, MGI17, PCL14, PG12, SS10, YDFF15].

**thread-level** [MGI17].

**threaded** [DSEE13, JTO12, SE12, Ta13].

**threads** [UR15].

**Three** [ZMM16, Vit14].

**TigerQuoll** [BBP13].

**Time** [BVEAGVA10, BBB17, BLH12, DL16, Fox17b, HTW14, JMB12, Kie10, KW11, Pan14, SLES15, SME17, VK12, BCR13, BM14, BVGVE10, BVGVE11a, BVGVE11b, BVGVE13, BVGVE14a, BVGVE14b, CRAJ10, DW10, EABVGV14, Fox17a, GMC13, HTLC10, KHM11, KPHV11, KHL13, KvGS14, KW10, KSR14, LMK16, LTK17, MGI17, Nil12a, PS10, PZM10, PSW11, Puf13, RHT13, SP10a, SPP10, SPS17, SH12, TTS10, WAB11].

**time-triggered** [EABVGV14].

**times** [DW10].

**timing** [AGH17, LS11].

**TIMP** [SLS12].

**tiny** [Xue12].

**tolerant** [PZM10].

**Tool** [FMM11, PQD12, SW12, ABFM12, CRAT12, ETR12, KSR14, LS11, TWX10].

**Tool-supported** [FMM11].

**toolchain** [SMN18].

**Tools** [Bro12, ABK10, VBAM10].

**toolset** [KVGS14].

**top** [RVP11, SGG17, ZMM14].

**top-down** [ZMM14].

**Topics** [Hor11, Jen12].

**topology** [DDM11].

**Toy** [DiP18].

**Trace** [HWM14, Pilch11, SR14b, BBF10, HWM13, HW12, IHW12, WHIN11].

**trace-based** [BBF10, HWM14, HW12, IHW12].

**tracer** [CZ14].

**traces** [BA12, RGM13].

**Tracing** [BP10, DL14, DL16, MD15].

**track** [VSG17].

**TrackEtching** [VSG17].

**Tracking** [RLMM15, SDC12, KHL13, OOK10].

**Tracks** [RGM13].

**tradeoff** [UTO13].

**Traffic** [RXK17].

**Trail** [HHSS13].

**Train** [MSS16].

**training** [KMN16].

**traits** [BDGS13, BD17].
transactional [DVL13, FC11, ZHCB15].
Transactions [DeSG12, CHM16, DFR13].
transformation [AST16, PDDD17].
transformations [AK13, MHM10, PMP16, TL17].
Transforming [dMRH12].
transitioning [HWM14].
Translating [FRFR14].
Translation [BO12, LSWM16].
translations [UTO13].
translator [LZYP16].
Transmission [PE11, BVGVEA11b, BJBK12].
transparent [BDB11].
travel [BM14].
traversals [ODL15].
Tree [Lyo12, HLO15, KMMV14].
trees [RB16].
Trends [CC15, MSS10, SR17].
trie [SV17].
trie-based [SV17].
tries [SV15a, SV15b].
triggered [EABVGV14].
TRINI [PDPM16].
Trusted [TWNH12, BCF14].
tuning [AAB10, BVGVEAFG11, SKB11].
Turing [Gri17].
Tutorial [Jen12, Nil12b, Taf13, Zak12].
twitter [Guy14].
Two [Has12].
Type [BO13, CGJ16, KSW14, KATS12, Lei17, RKN18, SGD15, WT11, ACS14, AT16, BS13, CMS12, CVG17, DLM10, FH16, GBS14, HyG12, KMLS15, KRR14, KRH16, KvRHA14, LPGK14, LE16, MHR12, SH12, TLL11, Zha12, eBH11].
Type-Based [SGD15].
type-dependent [LE16].
type-safe [KMLS15].
typechecking [CL17].
Typed [BO13, KKK17, MHL15, CMS12, KRCH14, Lei17, RDP16].
Types [BO13, RvB14, SPAK10, BDGS13, CHJ12, DDM11, HH13, MME10, YDFF15].
TypeScript [Cho14, FH16, RSF15].
Typing [FZ17, RSF15, Sic17, SFR14, TSD12].
typy [OA17].
Ubiquitous [MCY10].
UDP [RR14].
ULS [FOPZ14].
UML [CSF16].
unbounded [LSSD14].
uncertain [McK16].
Understandable [MSM16].
Understanding [FRM15, MKTD17, PCL14, QLBS17, Set13, TABS12, VBMDP16, LWB15, Nil12b].
Undocumented [Alt12, MHR12].
Unified [LM15].
uniform [AH10, Eug13].
Unifying [Has12].
union [KT15].
uniprocessors [KPHV11].
Units [LLL13].
universe [DDM11].
Unix [FVB17].
Unpicking [LBF12].
Unrestricted [WWS13].
unsafe [MPM15].
unsound [AT16].
updates [PKC13].
Upper [SW12].
Upsortable [SGG17].
uptrees [HB13].
USA [Hol12, KP15].
usability [FH16, MHR12].
usage [PTF15, QLBS17].
Use [BGK17, Guy14, MPM15, AMWW15, MKTD17, PBMH13, Sch13].
use-case [AMWW15].
used [XR10].
useless [FRC17].
User [Liu14, MvDL12, SLS12].
user-defined [FMS11].
Using [ASdMGM14, BS12, BSA14, BNE16, DLM10, HC14, KFBK15, MV16, MSSK16, Pau14, PPD12, SDM12, SLE17, UMP10, Wan11, XMA14, YCYC12, Zakh18, BB17, DDDF17, FH16, FOPZ14, GBS14, Ivd16, KMLS15, KT14, KC12, LVG10, Lew13, LDL14, PIR17, RAS16, SAdB16, SSH17, SHU16, VGS14, WBM10, WRI10, XR13].
UT [Hol12].
utility [CSV15, XMA10].
utilization [BCR13].
v [San12].
V8 [MGI17].
Validating [HLSK13].
Validation [SSB14b, CSD16, HCV17, SSB01].
Value [BBB17, DFR13].
variable [CDTM10].
variables [NS13].
Verifiable [FHSR12].
Verification [KKW14, KP15, RAS16, SS12, SDB14, CHMY15, DLM10, HCV17, PSW11, SMN18, SZ11, SJP10, SSH17, SSB01, dCMM12].
verification-validation [HCV17].
Verified [HM12, JLP14].
Verifier [BDT10, Rey13].
verifiers [SPY16].
Verifying [LM15, YS10, SD16b].
version [FC11, HD17, XZL16].
vertical [STY14].
via
[DMS11, GGRSY15, GGRSY17, Hos12, HB13, JWMCI15, LSWM16, SS16, TD17].

view [Guy14], violations
[LTZ14, PG12, RDF15]. Virtual [BZD17, LYBB13a, LYBB13b, LYBB14, LTK17, PTHH14, PQD12, SSB+14a, Sch13, Set13, SMSB11, SGV12, SSB01, SSB14b, UR15, Ame13, CBLFD12, KRCH14, NK10, Piz17, RCB17, SSMGD10, WGF11, WHY+13].


VM [LBF12, YKM17]. VM/application [LBF12]. VMKit [GTL+10]. Vroom [BMDK15]. vs [BA17, GBC12, MD15, SSTR17, SK12, SH12, WKJ17]. Vulnerabilities [MS14, GGC18]. vulnerability [Sve14].


Writing [Jaf13].


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

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

References

Altman:2010:OTJ


Auerbach:2010:LJC

Joshua Auerbach, David F. Bacon, Perry Cheng, and Rodric Rabbah. Lime: a Java-compatible and synthesizable language for heterogeneous architectures. ACM SIGPLAN Notices, 45
REFERENCES


Avvenuti:2012:JTC


Abanades:2016:DAR


Ansaloni:2012:DAO


Ahn:2014:IJP

REFERENCES


REFERENCES

Albert:2010:PIM

Antonopoulos:2017:DIS

Andreasen:2017:SDA

Arcaini:2012:CCM

Arcaini:2017:RDP


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

**Ament:2013:ATG**


**Andersen:2014:PLJ**


**Anonymous:2012:AMJ**


**Anonymous:2013:FAM**


**Anonymous:2014:RKS**

in the enterprise (PayPal).


Alshara:2016:MLO


Akram:2016:BPG


Ali:2010:DJB


Bradel:2012:ITJ


Brown:2017:NJP

REFERENCES


**Bodin:2014:TMJ**


**Bainomugisha:2013:SRP**


**Bettini:2017:XTJ**


**Bala:2011:DTD**

REFERENCES

Bettini:2013:CTB

Barbuti:2010:AIA

Burnim:2012:NIN

Battig:2017:SDC

Berman:2017:EUS

Bodden:2010:AOR
E. Bodden and K. Havelund. Aspect-oriented race detec-
REFERENCES


Barbu:2012:ARA

Badihi:2017:CAG

Biswas:2014:DES
Swarnendu Biswas, Jipeng Huang, and Michael D. Bond. Detecting entry points in Java libraries. *Lecture Notes in Computer Science*, 7162:
REFERENCES


Bell:2014:PID


Bond:2013:OCC


Bodden:2012:PEF


Barr:2014:TAT


Bell:2015:VFB


Brockschmidt:2012:ATP

Balland:2014:ESP


Bliudze:2017:ECC


Brown:2016:HBS


Borstler:2011:QEI


Burnim:2012:SCS


Bellia:2011:PJS


Bellia:2012:ERT

Marco Bellia and M. Eugenia Occhiuto. The equivalence of reduction and translation semantics of Java simple closures. *Fundamenta Informaticae,*
REFERENCES

Bellia:2013:JST

Bruno:2017:NPG

Barabash:2010:TGC

Bluemke:2012:DTJ

Bogdanas:2015:KJC

Brandt:2014:DAS

Bhattacharya:2012:DLI
Suparna Bhattacharya, Karthick Rajamani, K. Gopinath, and Manish Gupta. Does lean imply green?: a study

**Brown:2012:BRF**


**Balatsouras:2013:CHC**


**Bosboom:2014:SCC**


**Bedla:2012:SSJ**


**Bouktif:2014:PSO**


**Bonetta:2016:GSM**

Daniele Bonetta, Luca Salucci, Stefan Marr, and Walter Binder. GEMs:

**Brockschmidt:2012:ADN**


**Bodden:2013:SLS**


**Basanta-Val:2010:SSS**


**Basanta-Val:2014:RMP**


**Basanta-Val:2014:SDG**


**Basanta-Val:2010:NHR**

Pablo Basanta-Val, Marisol
REFERENCES


REFERENCES


REFERENCES


[CGJ+16] Satish Chandra, Colin S. Gordon, Jean-Baptiste Jeannin, Cole Schlesinger, Manu Sridharan, Frank Tip, and Youngil Choi. Type inference for static compilation

Chugh:2012:DTJ


Carro:2013:MDA


Chapman:2016:HSH


Cogumbreiro:2015:DDV


Chong:2014:CCT


Campbell:2013:ICC


Chen:2017:CLP

Canino:2017:PAE


Castro:2017:JLC


Chang:2012:IOT


Choi:2013:GGT


Clifford:2014:AFB


Clifford:2015:MMD

Daniel Clifford, Hannes Payer, Michael Stanton, and Ben L. Titzer. Memento mori: dynamic allocation-site-based opti-


[CSDL16] Irene Córdoba-Sánchez and Juan de Lara. Ann: a


Cazzola:2014:JBR


Chaudhuri:2017:FPT


Cavalcanti:2013:SCJ


Caserta:2014:JTJ


Chaudhuri:2017:FPT

Dannen:2017:IES


dCosta:2012:JSL

Umberto Souza da Costa, Anamaria Martins Moreira, Martin A. Musicante, and

Dhawan:2012:EJT


DElia:2013:BLP


DeBeukelaer:2017:ECP


Dietl:2011:SOT


Deitcher:2010:JEJ


Deitcher:2011:SPJ


REFERENCES

CODEN CSENFA. ISSN 1521-9615 (print), 1558-366X (electronic).


**[Dias:2013:SIP]** Osmar Marchi Dos Santos and Andy Wellings. Measuring and policing blocking times in real-time sys-

**Estevez-Ayres:2014:CSS**


**elBoustani:2011:ITE**


**Emerick:2012:CP**


**Ebert:2015:ESE**


**Efftinge:2013:XID**

Erdweg:2012:GLE

[ERK\textsuperscript{+12}]

Egbring:2010:POS

[EKUR10]

Erdweg:2015:SOI

[ELW15]

Eslamimehr:2014:RDS

[EP14]

Eslamimehr:2015:GDS

[EQT10]

Erdweg:2014:FEL

[ER14]

Eichelberger:2014:FRM

[ES14]
REFERENCES

Esquembre:2011:TPL

Endrullis:2012:WEM

Exposito:2012:DSJ

Eugster:2013:SUP

Evans:2013:WGJ
b.html; http://www.loc.gov/catdir/enhancements/fy1304/2012288194-d.html

Foreword by Heinz Kabutz.

Foley-Bourgon:2017:EIC


Fernandes:2011:LFS


Feeley:2016:CML


Ferrara:2013:GSA


Flanagan:2010:AMD


Ferrari:2017:JJF


Femminella:2012:EJC

REFERENCES


Feldthaus:2013:SAR


Felgentreff:2015:CBC


Feldthaus:2011:TSR


Frantzeskou:2011:SUD


Fu:2014:FDC

REFERENCES


Golan-Gueta:2014:ASL

Golan-Gueta:2015:ASA

Golan-Gueta:2017:ASA

Gligoric:2015:GCB

Gosling:2013:JLS

Gosling:2014:JLS

Gvero:2015:SJE
Tihomir Gvero and Viktor Kuncak. Synthesizing

Gadyatskaya:2012:JCA


Gonzalez:2013:HBP


Greenman:2014:GFB


Gupta:2016:LSA

Gong:2011:JSA


Grossschadl:2012:EJI


Giacaman:2011:OOP


Gramoli:2015:MTY


Grech:2011:JGE


Grigore:2017:JGT


Giacaman:2011:OOP


Gil:2012:SFJ

REFERENCES

Gill:2015:RMD

Grimmer:2016:HPC

Gidra:2015:NGC

Gidra:2011:ASG
REFERENCES


REFERENCES

Hanenberg:2015:WDW

[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).

Hasbun:2012:UTP


Haverbeke:2011:EJM


Heumann:2013:TEM


Huang:2013:ECS


Hindle:2016:NS

Hedin:2016:IFS


Heidegger:2012:APC


Hsiao:2010:EST


Hughes-Croucher:2011:NRS


Horstmann:2013:CJF


Hsiao:2014:UWC


Hammer:2017:V0V


Halder:2017:JSV

[HD17] Prithish Halder and Himadri Sekhar Das. JaSTA-2: Second version of
REFERENCES


REFERENCES


REFERENCES


(Hashmi:2012:CNI) Atif Hashmi, Andrew Nere, James Jamal Thomas, and Mikko Lipasti. A case for


Higuera-Toledano:2010:ISI


Higuera-Toledano:2014:EIS


Huang:2011:SBA


Haubl:2010:CES


Haubl:2011:ECE


Hayashizaki:2012:IPT


Inoue:2012:ISC


Islam:2012:HPR


Inostroza:2016:MIM


Juneau:2012:JRP


Joseph:2010:PII


Jaffer:2013:EAR


Ji:2012:PKP

REFERENCES

James:2010:FMC


Jara:2012:NVJ


Jendrock:2012:JET


Jovic:2011:LLP


Jenista:2011:OSO


Jayaraman:2017:CVJ

REFERENCES

Jantz:2013:ESM


Jagannathan:2014:ARV


Jung:2012:EJA


Jung:2014:HCO


Javed:2016:TSJ


Johnsen:2012:SLM


[KBPS17] Oleg Kiselyov, Aggelos Biboudis, Nick Pulladinos,

**Kulkarni:2012:MCO**


**Krishnaveni:2012:HOJ**


**Kedia:2017:SFS**


**Kereki:2015:JAW**


**Kuehnhausen:2011:AJM**


**Kumar:2012:WSB**

Vivek Kumar, Daniel Frampston, Stephen M. Blackburn, David Grove, and Olivier Tardieu. Workstealing without the bag-
REFERENCES

Khan:2015:UJW

Kerschbaumer:2013:IFT

Khan:2015:UJW

Kabanov:2011:DSF

Kienle:2010:ATT
Kim:2017:TAA


Krieger:2011:AES


Kaiser:2014:WAM


Ko:2010:EAW


Karakoidas:2015:TSE


Kalibera:2014:FAS

REFERENCES


REFERENCES


Aggeliki Kouneli, Georgia Solomou, Christos Pierrakeas, and Achilles Kameas. Modeling the knowledge domain of the Java programming language as an ontology. Lecture Notes in Computer Science, 7558:152–


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

Kim:2010:EAE


Lin:2010:UKT


Li:2014:MHD


Lorenzen:2016:STD


Leijen:2017:TDC


Lerner:2010:FTJ

References

Lewis:2013:IAP

Liu:2014:JNU

Leino:2015:APS

Leung:2013:PEJ

Lin:2015:STU

Lee:2016:ECP


REFERENCES


REFERENCES

CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). OOPSLA ‘11 conference proceedings.

Li:2014:EAJ


Laskowski:2012:DJP


Luckow:2017:HTP


Liu:2014:FFL


Lerner:2010:SDT


Lin:2015:SGU

REFERENCES


REFERENCES

[Li:2016:JJM]

[MAH12]

[MAHK16]

[MB12]

[MCC17]

[MBK16]
REFERENCES

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

McLane:2010:UIV

Marr:2017:CLC

Martinez:2017:ARR

Meijer:2014:EJR

Marr:2015:TVP

Mytkowicz:2010:EAJ
<table>
<thead>
<tr>
<th>REFERENCE</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malhotra:2017:PPS</td>
<td>Geetika Malhotra, Rajshekar Kalayappan, Seep</td>
</tr>
<tr>
<td>References</td>
<td>Details</td>
</tr>
<tr>
<td>--------------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
Markstrum:2010:JDP


Martin:2014:TCR


Mirshokraie:2015:GMT


Mastrangelo:2015:UYO


Magazinius:2012:SWS


Mamouras:2017:SMS

Konstantinos Mamouras, Mukund Raghothaman, Rajeev Alur, Zachary G. Ives, and Sanjeev Khanna.

Meawad:2012:EBS


McIlroy:2010:HJR


Marinescu:2013:FSJ


Moller:2014:ADC


Marino:2010:DSE


Marino:2016:DXU

Daniel Marino, Abhayendra Singh, Todd Millstein, Madanlal Musuvathi, and Satish Narayanasamy. drfx: an understandable, high performance, and flexible memory model for concurrent languages. ACM Transactions on Programming Languages and Sys-
Mitchell:2010:FTL


Mitropoulos:2016:HTY


Madsen:2015:SAE


Marz:2016:RPC


Mesbah:2012:CAB

Motika:2015:LWS


Mateos:2010:ANI


Mateos:2010:MJN


Nasser:2010:CMR


Nuzman:2013:JTC


Newton:2015:ALF


Nolan:2014:XWT


Nakaike:2010:LER


Nikolic:2012:DEA


Nikolic:2013:RAP


Nicolay:2017:PAJ


Nguyen:2015:FCR

REFERENCES

Naik:2012:AT


Omar:2017:PSF


Oaks:2014:JPD


Ocariza:2017:SCC


Ortin:2014:RPI


Olivo:2015:SDA

REFERENCES

Ogawa:2013:RJA


Olszak:2012:RJP


Odaira:2010:ERT


Ohkawa:2013:RHO


Ogata:2010:SJN


Olsson:2016:ERR

Oh:2015:MWA

Paul:2014:RTP

Parnin:2013:AUJ

Pinto:2014:UEB

Philips:2017:DDD

Portillo-Dominguez:2016:ECP

Parker:2011:DPG
[PE11] Jon Parker and Joshua M. Epstein. A distributed platform for global-scale agent-based models of dis-

Pradel:2012:FAP


Park:2011:DCM


Piao:2015:JJF

Xianglan Piao, Channoh Kim, Youghwan Oh, Huiying Li, Jincheon Kim, Hanjun Kim, and Jae W. Lee. JAWS: a JavaScript framework for adaptive CPU–GPU work sharing. ACM SIGPLAN Notices, 50(8):251–252, August 2015. CODEN SINODQ. ISSN 0362-
1340 (print), 1523-2867 (print), 1558-1160 (electronic).


REFERENCES

Pham-Quang:2012:JAD


Piedrahita-Quintero:2017:JGA


Palmer:2011:BJM


Park:2012:CB


Pradel:2014:EAR

REFERENCES

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

Park:2015:KCF


Pour:2011:MBD


Pinto:2015:LSS


Pape:2014:EJV


Papadimitriou:2011:SES


Puffitsch:2013:SIP

[PTF13] Wolfgang Puffitsch. Special issue papers: Design and analysis of a hard real-
time garbage collector for a Java chip multi-processor. 

**Petrashko:2016:CGL**


**Powers:2017:BBG**


**Pan:2017:GCF**


**Pizlo:2010:SFT**

REFERENCES

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

Qiu:2017:USR


Qian:2016:EFS


Rauschmayer:2014:SJD


Rossi:2015:NPJ

Gianfranco Rossi and Federico Bergenti. Nondeterministic programming in Java with JSetL. Fundamenta Informaticae, 140 (3–4):393–412, ????. 2015. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Razafindralambo:2012:FFH

Tiana Razafindralambo, Guillaume Bouffard, and

Raychev:2016:PMC


Rosa:2017:APV


Robatmili:2014:MRL


Radoi:2015:ETS


Ramirez-Deantes:2012:MTA


Rhodes:2015:DDO

Dustin Rhodes, Tim Disney, and Cormac Flanagan. Dynamic detection

**Reynders:2016:GSP**


**Reynolds:2013:MJB**


**Reza:2012:JS**


**Radoi:2014:TIC**


**Richards:2011:ACJ**

Ricci:2013:ETP


Richards:2013:FAC


Radoi:2015:WAR


Ravn:2013:EIS


Richardson:2014:BEL


Rodchenko:2018:TIE

Richards:2010:ADB


Rathje:2014:FMC


Rodeghero:2015:ETS


Rosa:2017:ARC


Ravn:2012:SCJ


Rompf:2012:LMS


Rompf:2014:SPJ


[Rastogi:2015:SEG]


[Reichenbach:2012:PPD]


[Ramos:2013:DSJ]


[Ramos:2015:NCS]


[Rubin:2014:HCW]


REFERENCES

Rowe:2014:STA


Raychev:2015:PPP


Ricci:2011:SAO


Ramamohanarao:2017:SSM


Ryu:2016:JFB


Serbanescu:2016:DPO


Schultz:2010:WAJ


Schmeisser:2013:MOE


Schildt:2014:JCRb


Sluanschi:2016:AAD


Sousa:2016:CHL


Sridharan:2012:CTP


Schoeberl:2017:SCJ


**Shah:2012:AMJ**


**Sartor:2012:EMT**


**Sewell:2012:TJ**


**Seth:2013:UJV**


**Severance:2012:DJO**


**Severance:2012:JDL**

REFERENCES

Swamy:2014:GTE


Sherman:2015:DTB


Subercaze:2017:UPT


Simao:2012:CER


Stuchlik:2012:SVD


Steimann:2016:CRA

REFERENCES


REFERENCES


[SANTOS:2018:JJV]


[SPOTO:2010:TAJ]


[SEW:2012:NSI]


[SEW:2011:CCS]


[STOR:2014:APB]

Schoeberl:2010:NRT


Spoto:2010:MSL


Serrano:2016:GH


Steimann:2010:TMI


Spring:2010:RAI


Schoeberl:2010:WCE


Strom:2017:HLR

Tórrur Biskopstø Strom, Wolfgang Puffitsch, and Martin Schoeberl. Hardware locks for a real-time Java chip multiprocessor.
References


Stefanescu:2016:SBP

Samak:2014:MTS

Samak:2014:TDD

Sun:2017:AJP

Samak:2015:SRT

Scanniello:2017:FFC

Sutherland:2010:CTC
Dean F. Sutherland and William L. Scherlis. Composable thread coloring.
REFERENCES


REFERENCES


Stark:2014:JJV

Su:2014:CEM

Srikanth:2017:CVU

Sciampacone:2010:EMS

Stark:2010:BIA

Santos:2013:DDS
REFERENCES


REFERENCES

---


---


[Szweda:2012:ANB] Lukasz Szweda, Daniel


Ibrahim Tanyalcin, Carla Al Assaf, Julien Ferte, François Ancien, Taushif Khan, Guillaume Smits, Marianne Rooman, and Wim Vranken. Lexicon visualization library and JavaScript for scientific data visualization. *Computing in Science and Engineer-
REFERENCES

Tarau:2011:IST


Tosch:2014:SPA


Thomson:2015:LHB


Teyton:2014:SLM


Tommasel:2017:SJL

REFERENCES

Tu:2014:PPP


Tsai:2015:JPI


Thiessen:2017:CTP


Tate:2011:TWJ


Tetali:2013:MSA


Tan:2017:EPP


Toledo:2012:AJA

REFERENCES

Topley:2011:JDG

Toffola:2015:PPY

Taboada:2013:JHP

Taboada:2011:DEJ

Takikawa:2012:GTF

Toledo:2011:ACJ
REFERENCES

Taboada:2011:DLC


Taboada:2012:FMS


Tatsubori:2010:EJT


Torlak:2010:MCA


Tardieu:2012:WSS


Toegl:2012:SSJ

REFERENCES


REFERENCES


REFERENCES


**Vitek:2014:CTR**


**Vitek:2012:ISI**


**VanCutsem:2015:RTC**


**VanderHart:2010:PC**


**Varier:2017:TNJ**


**VanNieuwpoort:2010:SHL**

Rob V. Van Nieuwpoort, Gosia Wrzesińska, Ceriel


Welch:2010:ABS


Welling:2016:ISC


Wood:2014:LLD


Wagner:2011:CMM


Wagner:2011:SJV


Wu:2011:RTS


Wellsing:2012:AEH


Wade:2017:AVJ


Witman:2010:TBR


Westbrook:2010:MJM

Wehr:2010:JBP


Wehr:2011:JIT


Wurthinger:2013:USD


Wei:2016:ESD


Wang:2017:CJ


Xi:2012:MDA


**Xu:2010:FLU**


**Xu:2010:DIU**


**Xu:2014:SRB**


**Xuan:2017:NAR**


**Xue:2012:RJC**

Jingling Xue. Rethinking Java call stack design for tiny embedded devices.
REFERENCES


Xie:2013:AAE


Yang:2012:MPD


Yi:2015:CTC


Yoo:2014:WRR


Yang:2017:EJV

REFERENCES


REFERENCES

4493-8230-4. xviii + 209 pp. LCCN ???.

Zakhour:2012:JTS


Zakai:2018:FPW


Zheng:2015:APP


Zhang:2015:ACE


Zhang:2015:SYB


Zschaler:2014:SJF


Zuo:2016:LOF

Zhao:2012:PTI


Zhao:2013:INT


Zhang:2012:RAJ


Zhang:2015:LOS


Zhang:2012:RAJ


Zhang:2015:LOS

Zacharopoulos:2017:EMM


Zheng:2016:CMD

Zhang:2014:AIO


Zeyda:2014:CMS


Zabolotnyi:2015:JCG


Zhang:2014:ARP


Zhou:2016:IRO


Zhang:2014:HTB


Zakkak:2014:JJM

Foivos S. Zakkak and Polyvios Pratikakis. JDMM.
Zibin:2010:OIG


Zerzelidis:2010:FFS


Zhu:2013:EAZ


Zhu:2015:APL


Zhao:2014:CSP


Zhang:2016:NVC

Kebo Zhang, Hailing Xiong, and Chao Li. A new version of code Java for 3D simulation of the CCA model. *Computer Physics Communications*, 204(??):214–215, July 2016. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (elec-
Zhang:2012:SRB


Zhang:2013:IMF