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

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

Title word cross-reference

3
[DiP18b, FLZ+18, GBC12, JEC+12, ZXL16].
$39.95$ [Ano18]. $4 + 1$ [SRB18]. $\tau P$ [LTK17]. $C_P$ [AØ11]. $K$
[PLL+18, SS19, SD16b, SGG+17]. $N$
[ADJG19, WZK+19]. $Z_P$ [AØ11].


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

'12 [Hol12]. 12th [Fox17a].


5 [KHR11].

6 [Jen12].

7 [Ano15, EV13, J+12]. 75 [HWM11].

8 [BKP16, CWGA17, LYBB14, SAdB+16, UFM15].
awareness [VGS14]. axiomatic [TVD10].


Basic [NBB18, CZ14]. basic-block [CZ14].

basics [Zak12]. basiertes [Ric14].

battlefield [ST15]. Bayesian [BSA14, RKHN18]. BeagleBone [Ric14].

before [TD15]. begun [MRMV12].

Behavior [Sun18, LWB+15, RLVB10, TABS12, WXR16]. Behavioral [LN15, AMWW15]. behaviors [PCL14].

behaviour [SMS+12]. beliefs [BA17]. Ben [Teo12]. Benchmark [GBC12, SMSB11].

Benchmarking [CKS18, AHK+15, HCLH18, MDM17].

benchmarks [KHM+11, RGEV11]. benefit [HH13]. best [Sch13].

Better [Bro12, TD15].

Between [ADJG19, PVB17, ZLDH15, BK16, CMM17, CSKB12, CSF+16, LSBV16, LSBV17, RDP16, SH12]. beyond [Mor18]. Big [BF18, GTS+15, NWB+15, NFN+18, RKV15, BOF17, BBX13, RKV19, SSG+14, WR10, XGD+19].

billions [DRN14]. Binary [WWG+18, XXCL19].

bindings [VGRS16]. bird [Guy14].

Birthmark [PILCH11]. Bitcoin [TD17].

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Bloat [MSS10, NWB+18, XMA+14, BRGG12, BBX13, XR10]. bloat-aware [BBX13].

block [CZ14, KBL14].

block-level [KBL14]. blocking [DW10].

Blockly [AMWW15]. Blueshell [PA13].

Board [GLGA19]. boilerplate [ZCdSOvdS15].

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Bounds [SW12, GvR+11]. boxes [DG13].

Brain [VB18]. breaking [VB14a].

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Browser [MSS16, PVB17, FIF+15, VS11, VB14a, WGW+11, YK14].

Browsers [HLK13].

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Bug [RPP19, LWH+10].

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built [DSM+18].

built-in [DSM+18].

Business [CCA+12].

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C [BB12, CDG+17, GBC12, KB11, LSBV16, LSBV17, NED+13, SKR17, Sta10, YSCX17, Zak18, ZWS15].

C# [SSK13].

C/C [BB12, NED+13].

CA [KP15].

cache
[IN12, ZP14]. caches [NGB16].
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capability [RDF15]. capo [SMSB11].
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[DA13], carry [Ame13]. Cartesian
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[CS12, GvRN+11]. Checking
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[And14, SVB+17, WT11, CUI14, CS12, SZ10, TSD+12, VBDPM16]. Classififies [SD16a].
Classification [PBM+19, SS14]. Classifiers
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client-server [GGC19]. Client-Side
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clients [BRB18]. Clojure
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Closing [ZHL15]. Closures
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Cocoa [Sta10]. Code
[ADJG19, BH17, BNE16, CJ19, HC11, MSS19, MM16, PKPM19, RVK15, RLMM15, SRTR17, SVB+17, SV15a, SED14, WWG+18, XXCL19, AGR17, AK13, CCFB15, DRN14, FLZ+18, FH16, FMS+11, GGC19, IS18, LYG10, MKK+12, MKK+13, NG13, OJ12, PTVR18, PB19, PMP+16, PSW11, RFRS14, RBV16, RVK19, RO12, SSK13, Tai13, UTC13, VSG17, WKJ17, WGF11, WBA+11, WBS+11, WWS13, ZHL+12, XL16, ZWS15].
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[LM13+12, LMS+13]. Coefficient [ADJG19].
Coffin [Teo12], coherent [ZP14], Cohesion
[RC17]. Cold [BZD17, WGF11]. Collect
[JCMM19]. collected [AGGZ10], collecting
[AHK+11]. Collection
[ASV+16, BF18, GM12, MAK19, QSA+16, ST15, URI18, ASME18, BT10, BOF17, KPV11, KBL14, NGB16, ODL15, PZM+10,
PDPM+16, SP10a, SBM14, Sie10, SJBL10, SKBL11, UIY10, UJR14. Collections [GS12, DTM+18, Lon10a, Lon10b, PL12, SV15b, SV17], collectives [RTET15, TRTD11], Collector [BH12, GTS+15, BCR13, BVGV14b, Puf13]. Collectoren [Sch13], collectors [GTSS11, Sch13, XGD+19], coloring [SS10]. Colt [BKP16, WN10]. CoMA [AGR12]. Combating [NWB+18], Combination [BSA14]. Combinatorial [YHY13], combinator [MHBO13]. Combining [BDGS13, MSS19, MGI17], commensal [BRWA14], comments [PBB19, ZYY+19]. Commercial [ZMM+16], commodity [BK14]. Common [PiLCH11]. Communication [JQJ+16, RTE+13, SK12, BJBK12, ETR+15, TTD+11], communications [ETTD12, RTET15, TTD12], Communities [ZMM+16], COMP [CKS18], Compact [HWM10, HWM11, JLL17], Comparative [KB11, CDMR19, KFBK+15, SSL18], comparing [MD15]. Comparison [BKP16, ADI13, BJBK12, HH13, KvRHA14, SMS+12], Comparisons [GGZ+15]. Compartmental [WGW+11], compatibility [DJB16, OIA+13], compatible [ABCR10, Hor12]. Competition [CKS18], Compilation [DLR16, PKPM19, CGJ+16, CMS+12, DLR14, FSC+13, IHWN12, JLP+14, JK13, JMO14, KS13, KHL+13, Lei17, MD15, MGI17, Ser18, ZBB15], compiled [NED+13, RO12, TMVB13]. Compiler [JMB12, Loc18, NKh16, NBW+15, BBF+10, BRWA14, CIAD13, Cle16, HWM14, IHWN12, KMLS15, KS14, KC12, LSWM16, MDM17, Ott18, Rub14, TTS+10, TWSC10, VB14b, ZYH+12], compiler-compiler [KS14], compiler-runtime [TWSC10], compilers [Hos12, LMK16, RSB+14]. Compiling [Fee16, Hos12]. complementation [BS13], Complete [BO13, BR15, JC10, NNT+19, Sch14, Gri17, PSR15, RGM13, RRB17], completeness [KBPS17], completing [BS13], completion [FH16], Complexity [SSH17], Compliance [GD12], compliant [MZZC10a], component [AST+16, CSKB12, GT10a], component-based [AST+16, GT10a], components [BMSZ17, FOFP14, KS14], Composable [SS10], Composing [EABVGV14], Composition [SK12, AGH+17, AH10, SZ10, VM15], compositional [BGOS18], Comprehension [BGK17], Comprehensive [STST12, VBMA11, ZKB+16, MKZ+14], Compressing [Gun14], Computation [BW12, LYM+18, ZHL+12], Computation-Intensive [LYM+18], computational [Bra14, SSG+14, VF10], computations [KFBK+15, TLMM13], Computer [HWM11, OAC18, DBN+12, KP15], Computing [Hol12, MPRI12, NBB18, PWSG17, PWSG19, SHU16, TWIN12, WN10, AdSCDr+19, HCLH18, LZY16, Rub14, TTD+11, VF10, TRE+13], con [SMS11], conceptual [Tai13], Concurrency [BG17, Bro12, SWF12, BVGVEA11a, CHM13, DMS11, HAW13, KHL+17, PPS16, Sub11, TD15, UR15], Concurrent [MSSM+16, PS12, Sie10, BP19, BMSZ17, EP14, Gra15, HJH10, KLB14, MSS+10, OW16, PTF+13, RVP11, STR16, SNS+14, WLL19, YS10, YKA+19], concurrent-by-default [SNS+14], Conditional [XMD+17, SS16], Conference [DDDF17, Hol12, KP15, LMK16, PDPM+16], Configurations [PSJ18], conflict [ABC18], Conformance [AGR12, SKR17], Confused [BH12], Connecting [NFM+18], conquer [SFB+10], Consequences [OBPM17], conservative [SBM14], Consistency [CFR+16, CS12, DBN+12, FRM+15, ZBB17], consistent [BCR13], constrained [KSR14].

D

[DiP18b, FLZ+18, GBC12, JEC+12, XZL16].
DAA [DR10]. dark [MH19]. Data [Bra14, BMOG12, BA17, BF18, GM12, GTS+15, GT10b, JCO19, NKH16, NWB+15, NFX+18, NWB+18, TAF+18, YWW+18, ZLN18, dMRH12, BK14, BB17, BOF17, BBX13, BJ1K12, CDM10, CRP+10, DFR13, DLM+12, EKUR10, FOPZ14, KB17, LDL14, MRA+17, NL14, SAdB+16, SSG+14, SG+17, UMP10, WK17, WCG14, XZ13, XMA+10, XGD+19, ZvdS17]. data-centric [DLM+12, FOPZ14]. Data-Driven [JCO19]. Data-Intensive [NW+18].
Data-Parallel [NHK16, CRP+10].
database [Dei10, EKUR10, TABS12].
databases [EKUR10, MLGA11].
Dataflow [BR12].
Datalog [ZMG+14].
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[AGH+17, PLL+18]. deconstructing
[ACS+14]. decoupled [LPA13].

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[BG17, SNS+14]. defects4j [MDS+17].
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Definition [SSB14b, AK13, SSB01].

Definitive [Oak14]. delegation [GBS13].
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[YKSL17]. Deoptimization [KRCH14].
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Dependence-driven [PDDD17].
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dependencies [ELW15]. Dependent
[CHJ12, LE16]. deploying [R+13].
deprecation [SRB18]. depth [Rau14].
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MLGA11, Puf13, RTE+13, SW12, TRTD11,
TKL+15, VGRS16, YCYC12, BBXC13,
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[GS11]. destructive [FF10]. detect
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Detection
[BH10, BSOG12, KCD12, MS14, RD15,
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[SGV12, VWJB10, MZC10b]. Gridifying
[MZC10b]. grounded [EV13]. Growing
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[JWMC15, ZHCB15]. GUI
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[SV15a, SV15b, SV18]. hash-array [SV15b].
hash-tries [SV18]. hashing [GRF11].
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[EKUR10]. heap [CSV15, LDL14, TLX17,
Tar11, VYY10, YS10, BVGVEA10].
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[SNF+18]. Helping [RT14]. Hera [MS10].
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VVJB10, WFF18, WWH+17, TRE+13].
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high-dimensional [TGZ17]. high-level
[Hos12, RFBJ14, VVJB10].
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[URJ18, WN10, GSS+16, BRWA14, Ngo12,
TTD+11, WFF18, WWH+17]. higher
[KT15, SPKT18]. higher-order
[KT15, SPKT18]. highly [BP10, SPP+10].
history [DRN14]. hit [Ano13]. Hoare
[SD16b]. hole [Ano13]. Holistic [MAHK16].
Hop [WBHN18, D’HI2]. Hopjs [SP16].
Horstmann [Gve13]. hosted
[CBLFD12, SYZZ+14]. hot [LMK16].
HotSpot [Sch13, BOF17]. HotWave
[ABMV12, VBAM10b]. HPC [JQJ+16].
HTM [CHM16]. HTML [Sta10]. HTML5
[HLO15, NKLH16, Ano15]. Hunting
[GGC18]. HVM [LTK17]. Hybrid
[CHM16, JQJ+16, JMO14, KCD12, VDV17,
ZMNY14, ZMM+16, ASME18, AD13,
HyG12, PdMG12, STA18, SWB+15].
Hybris [VDV17]. hygienic [DFHF15].
hypervisor [GMC+13].
i-Jacob [LYM+18]. IaaS [ZLHD15].
Identification
[PBM+19, SBE+19, BZD17, FMS+11].
Identifier [SRTR17]. identifiers [FMS+11].
Identifying [IN12, SVB+17]. if
[Han15, STA18]. If-transpiler [STA18].
iluminating [BK14]. Image [WN10].
immutability [HMDE12, ZPL+10].
immutable [SV15b]. impact [CMS+12,
Gra15, HWLM11, MPR12, WKJ17].
imperative [RFRS14]. implement
[HdM17]. Implementation
[CSF+16, GPT12, HM12, NBB18, CNRG19,
OA17, Por18, VGRS16, YP10].
implementations [CSS+16, OJ12, PS10a].
Implementing [FFF17, GM12, WCB16,
EEK+13, FBH17, PMP+16]. implications
[BRGG12]. implicit [IvdS16, SPAK10].
imply [BRGG12]. Improve
[OTR+18, QSaS+16]. Improved
[KRR+14, UIY10, OJ12, XHH12].
Improvement [RC17], Improving
[ACS+14, HW1+12, TWSC10, WWG+18, eBH11, UTO13]. In-depth [Rau14].
in-place [DVL13]. including [Den18].
Incremental
[LHR19, DS16, ELW15, UIY10].
independent [IF16, VS11]. industrial
[CRJ+10]. inefficiently [XR10].
inefficiently-used [XR10]. Inference
[BO13, YHY13, AGGZ10, CGJ+16, HyG12, HMDE12, RKHN18, Zha12].
Inferring [PTRV18, AS14, BENS12]. InfiniBand
[ETTD12, IRJ+12]. infinite [ASdMGM14].
information [ZMM+16]. influence [MHR+12].
Informa [HA13]. Information
[ASF17, HBS16, KHL+13, RKN+18, SS12, AF12, ABFM12, BVGVEA11b, CMS+12, PMTP12, RRB17, ZYY19].
Infrastructure [Den18, NG12, WCST19].
Inheritance
[LN15, WT11, AST+16, GBS13, NCS10]. Initial
[LTD+12]. initialization
[AMT17, MME14, WSH+19]. Initialize
[WSH+19]. Initiation [FGR12]. Injecting
[ZZK13]. Injection [SBE+19]. inline
[DJLP10]. Inlining
[BA12, STA18, HWM13]. input [Pha18].
insecure [YW13]. Insight [VF10].
inaceof [SMS+12]. Instant [MHO13].
instantiation [AST+16]. instead
[AGH+17, BTR+13]. instrumenting
[CZ14]. Integrated [Tar11, YP10].
inverting [SPP+10]. integration
[Ame13, HKVG14, Sch10a]. integrity
[HDK+11]. Intel [CDMR19]. intelligence
[JACS10]. Intelligent [Pau14].
IntelliMerge [SZZ+19]. Intensive
[LYM+18, NWB+18, SAdB+16]. inter
[CMM17]. inter-language [CMM17].
Interacting [SK13]. Interaction [WT11].
Interactive
[FBG17, AMWW15, JH11, MCY+10].
intercession [VM10]. interdependencies
[LBF12]. Interface [Lin14, MvDL12, SLS+12, AVZ10, MT14, LT11, LT14].
Interfaces [WT11, Cho14, DLM10, LWH+10, FSNS14, WT10]. interference
[YDFF15]. International
[Hol12, KP15, Fox17a]. Internetware
[LYM+18]. Internetware-Oriented
[LYM+18]. Interoperability
[GSS+18, GSS+16]. Interpretation
[BDT10, DLR16, DLM10, DLR14, NSDD17].
Interpretation-Based [DLR16].
interpreter [D’H12, KMMV14]. interpreters
[CNRG19, HWW+15, IvdS16, MD15, SYZZ+14, ZLB14].
Interprocedural
[CPV15, FWDL15, ZMY14]. Interrupting
[AST12]. intersection [KT15]. intra
[BJBK12]. intra-node [BJBK12].
Introducing [CJ19, Dan17, DMS11].
Introduction
[CIAD13, CSZ17, HTLC10, HTW14, Lew13, RHT13, VK12, Hav11, VF10].
Introductory [BNP11]. intrusively
[MZC10a]. Invasive [ADJG19].
Investigation [SS13, FH16, Tai13]. invited
[Piz17, Sie17]. invocation
[SPAK10, SS19, BVGVEA14a]. invokodynamic
[BVGVE14a]. invokodynamic
[OCF14]. Involve [ZMM+16]. IP
[TKL+15]. iPhone [Sta10]. IR [LSWM16].
irregular [AC16]. ISAs [HNTL12]. ISBN
Isolation [ZLB+13]. Issue
[CJ19, DVL13, HL13, HTW14, Puf13, VK12, Fox17a, HTLC10, HGCA11, RHT13].
iterations [DD13]. iterators [ZLB14].
IVE [CRJ+10]. IVPs [KS15].
[AFG+11]. **JAMES** [DDDF17]. **JaSTA** [HD17]. **JaSTA-2** [HD17]. **Java** [Bro12, Den18, Goe13, HWM11, HTW14, MvH15, Ngo12, Sch13, VK12, Ao11, KvG+14, PQTGS17, SAD+16, ABC18, AsDmgM+14, AST12, AFGG11, AYZI10, AdSCdR+19, ASI14, AAB+10, Alt12, Amel13, AdCGH16, AT16, Amo12, Aoc12, Ano13, AbMv12, AGR12, AGR17, ABCR10, AD13, ABFM12, AK13, BK12, BH17, BM14, BH12, BD10, BVGVEA10, BVEA10, BVGVEA11a, BVGVEA11b, BVGVEA13, BVGVi14a, BVGVi14b, BS12, BMDK15, BO11, BO12, BO13, BP19, BCR11, BDGS13, BCD13, BD17, BRGG12, Blvd17, Bla18, BR12, BH10, BR15, BB12, BNP11, BL15, BW12, BA12, BZ17, BSOG12, BMOG12, BK16, BA17, BBK12, CIAD13, FG+19, CSZ17, CZ14, CMM17, CW13, CV14, CS12, CDTM10, CCFB15, CNRG17, CRJ+10, CWG17, CSF+16, CSK17, CCH11, CJ17, CJ19]. **Java** [CYW19, CDG+17, Cle16, CDMR19, CKS18, CSdL16, CCA+12, CMM+10, CRAWJ10, DJLP10, DDDF17, DL10, DLZ+13, DL13, DR10, DHS15, DJB16, DMS11, ECS15, EEE+13, ES14, EFT10, ESI11, EABVGV14, EKV13, ET13, ETTD12, ETR+15, FLZ+18, FRGPLF+12, FGR12, Fer13, FFF17, FLZ+13, FHLSR12, Fox17b, FSM+11, GLGA19, GMS12, GyRN+11, GYB+11, GM12, GBS14, GD12, GBC12, GS11, GS12, Gon11, GMIC+13, GT10b, GJS+13, GJS+14, GVI17, GPT12, GK15, HLI13, HD17, HD17, Has12, HWM10, HWM13, HWM14, HA13, HM12, HLT10, HKVG14, HHI13, HOKO14, HGCA11, Hor11, Hor12, HC13, HCO10, HZ17, HWLM11, HJ12, HW11, IN12, IS18, IF16, JC10, JEC+12, JOQ+16, JLL17, Jen12, JB12, JYK12, JTO12, JHI11, J+12, JMB12, JMO14, KHR11, KHM+11, KML15, KS13]. **Java** [KW10, KW11, KPP+18, KM10, KSR14, KSPK12, KDPG18, KS14, KF11, KB11, LSBV16, LSBV17, LTD+12, LMK16, LSW16, LLI13, LLI11, LT14, LZYP16, LXP18, LYB13a, LYB13b, LYBH14, LZ12, LKP19, LSc13, LSc18, Lon10a, Lon10b, LMS+12, LMS+13, LO15, LPA13, LWC17, LTK17, LSL1, Lyo12, MKZ+14, MS13, MME+10, MLGA11, MDS+17, MCC17, MPM+15, MHN19, MZC10b, MKTD17, MM16, MH10, MAH12, MB12, MCY+10, MSG19, MPR12, MLM17, MLM19, MKK+12, MKK+13, MS10, MCH19, MvH15, MT14, MDHS10, NM10a, NCS10, NS12, Nil12a, Nil12b, NG13, NNTK17, NNT+19, NMB10, NBB18, Oak14, OK+10, OMK+10, OIA+13, OUY+13, OW16, OJ12, OCFL14, PS11, PLL+18, PdMG12, PTML11, PMLT14, PTH114, PL12, PI11, PBMH13, PBB19, PPM15, PMP+16, PQD12, PVH14, PTF+15, PS10a, PS10b]. **Java** [PDPM+16, Pos19, PSW11, Puf13, PKC+13, QLSB17, RD15, RDCP12, RTE+13, RTET15, RR14, RS12, RHT13, R+13, RBL12, RAS16, RS12, Rey13, Rey12, RVP11, RLMM15, RRB19, RB15, RV14, SSL18, SB+14a, SE12, SRB18, SRT17, STST12, SS12, Sch14, Sch13, Sch10a, SPH10, SKRR11, SDH+17, Sch10b, SSMGD10, SZ10, Set13, SMB11, SMS+12, SM12, SD12, SWMV17, SW12, SVG12, SEPV19, SKBL11, SD16a, SJPS10, SLS+12, SK17, SS14, SABB19, SP10b, SMP10, SBE+19, SPP+10, SWB+15, SS10, SB14b, ST15, SMP19, SPS17, SSG+14, SS19, STS+13, Sve12, SWF12, TRD11, TTD+11, TTD12, TRE+13, TLL11, TXW+10, TFPB14, TN19, TWW12, TTN12, TG17, TLLL18, TKT+15, UR15, UF15, UPR+18, VSR17, VGRS16, VBDP16, VBMDP16, VGSI14, VBAM10a, VBAM0b, VBMA11, WGF11, Wam11, Wz15]. **Java** [WCST19, WVL19, WBM+10, WK12, WCB16, WNI10, WRT+10, WA19, WHV+13, WHIN11, WZL+18, WBA+11, WAB+11, WWS13, XHI12, XR13, XMD+17, Xue12,
Kraken [Ano14].
Lake [Hol12]. lambda [MKTD17]. lambdas [UFM15]. landscape [Sve14].
Language [DLPT14, GJS+13, GJS+14, GSS+18, JC10, KSPK12, MAHK16, NM10b, Sev12b, SS13, WBHN18, ABCR10, CMM17, CSdL16, DA913, EKR+12, Fee16, GSS+16, Hos12, HW+15, KRCH14, LW+10, LE16, MDM17, SC16, SZ10, SKR17, SNS+14, VB14a, WCG14, WH+17, ZWS15, dCMN12]. language-level [WCG14].

learnt [GY16]. Legacy [KH18, SV+17, CDTM10]. Legally [Sam12]. length [SMP10]. Less [BNE16].
Lessons [UR18]. Level [AC16, MG14, SWU+15, XYS+19, EKUR10, Hos12, IHWN12, KBL14, LWC17, MGI17, RFBJ14, TTD+11, VVJB10, WCG14].


Low [ETR+15, GM12, SWU+15, WCG14, ZHCB15, ZK+16, BCR13, XMA+10]. Low-Budget [GM12]. Low-latency [ETR+15]. Low-level [WCG14].
Low-overhead [ZHCB15, ZK+16]. low-utility [XMA+10]. lunch [DTLM14].
m [MZC10b]. m-JGRIM [MZC10b]. M2M [Pau14]. Machine [JCO19, LYBB14, Ame13, CBLFD12, KS13, KC12, McM11, Piz17, SMGD10, WGF11, WHV+13, BZD17, Cle16, LYBB13a, LYBB13b, LTK17, PTHH14, RRB19, SSB+14a, Sch13, Set13, SMS11, SGG12, SSB01, SSB14b, UR15].
Machine-Learning [JCO19]. Machines [AGR12, GSS+15, JK13, KRCH14, NK10].
micro [DFHF15]. Magic [SP10b].
Magic-sets [SP10b]. Magnitude [BNE16].

Malicious [KCD12], malformed [SHU16], major [Ano12]. Making [Loc13, Sta10, PS11]. Managed [MAHK16, NFN17].

Malware [CSK17]. Mobile [BBB18]. Mother [BMSV18, BSO18, IvdS16].

Management [MAHK16]. Management [OTR18, Pau14, YPMM12]. AKH+15. BGV14a. BGS+13. EKUR10, HB13, KCP+17, KB17, MLM17, Nil12b, PCL14, SWB+15, Tar11, WGW+11].

Manipulating [KRR19, YS10]. Manipulation [MS14]. manual [KCP+17, KPP+18]. many [GTSS11, SV18].


Method [AC16, BGVVEAG11, BA19, GD12, AST12, AJL16, HMD12, SS19, SS16, VBMD16, ZYY+19]. Method-Level [AC16]. Methods [MM16, Pau14, VBZ+18, Bra14, GRF11, LSB16, LSB17, SSL18].

Metrics [KB11, JK11, SK13, Sch13]. Metriken [Sch13]. Microscopic [RXK+17]. Microservices [KH18, LSCPE18].

Microsoft [Ano13]. Middleware [RTE+13, Ad5CD+19, HOKO14, HWL11, MZ10b]. middleweight [IF16, MT14].


Mobile [GM12, GPT12, LYM+18, MV16, XHH12, GGC18, KF11, MZ10b]. Mock [SABB19].

Model [Bu18, CSF+16, CDG+17, CCA+12, DLR16, FSK12, JJC09, JYKS12, Loc18, MSM+16, MCC17, MV16, BGVVEAG11a, FGB+19, CHM13, CWW13, CV14, CS12, CKB12, DLZ+13, FLZ+18, GY16, HAW13, Loc13,
LSSD14, MLT17, MSM+10, PSW11, RR14, RBV16, RAS16, RFD15, SMN+12, SSG+14, SSI9, Tai13, VWJB10, ZP14, ZXL16.

Model-Aware [JYKS12]. Model-based [MCC17, PSW11]. model-driven [FGB+19, CHM13]. Modeling [GBC12, JC10, KSPK12, LDL14, Rey13, SM12, CRAT+12, SKR17, TLX17, ZlvS17].

Modelling [CSZ17]. Models [CC15, PE11, ZLCW14, AGR17, HHH+14, TVD10, ZBB17]. Modern [LMZP19, FIF+15, Hav11, JK13, KB17, Mor18, Teo13, WG+11, ZDK+19].


Multiplatform [ZKB+16]. Multiple [AF12, ASF17, HLSK13, CSV15, DD13]. multiplexing [BVGVEAFG11].

Multiprocessing [VGS14]. multiprocessor [PS10b, PWA13, SPS17]. Multiprocessors [KW11, RS12].


MySQL [Ano15].

Names [SRTR17]. Naming [STST12]. Native [JQJ+16, LT11, LT14, KFBK+15, STS+13]. Natural [LL15]. naturalness [HBG+16].


Neutral [WBHN18]. Next [YWW+18, CRJ+10, CMM+10].

Next-Generation [YWW+18]. NG2C [BOF17]. NGS [YWW+18]. NGS-FC [YWW+18].


nodes [BVGVEA10]. nodes [BSMB16, MTL15, Ano14].

Nominal [BO13]. Non [BVGVE11b]. BSOG12, GGZ+15, TD17, WZL+18, YKM17, MZC10a, OKM+10, SSL18, ZP14].

Non-Adequate [GGZ+15]. non-cache-coherent [ZP14]. non-cloned [SSL18]. Non-equivocation [TD17].


Practice [HGCA11, AS14, EKUR10, LWC17, TRE13]. practices [CJ17, YW13].

Pragmatic [Ano18, RO12]. pre [SBK13].

pre-processing [SBK13]. Precise [PIR17, TN19, XR13, BHSB14, CVG17, HyG12, PLR18, PG12, RGM13, TLX17, WFF18].

Precise-Yet-Ecient [TN19]. Precision [LTMS18, LX19, SB14].

Pre-processing [SBK13]. Precise [PIR17, TN19, XR13, BHSB14, CVG17, HyG12, PLR18, PG12, RGM13, TLX17, WFF18].

Precise-Yet-Ecient [TN19]. Precision [LTMS18, LX19, SB14].

Pre-processing [SBK13]. Precise [PIR17, TN19, XR13, BHSB14, CVG17, HyG12, PLR18, PG12, RGM13, TLX17, WFF18].

Precise-Yet-Ecient [TN19]. Precision [LTMS18, LX19, SB14].

Pre-processing [SBK13]. Precise [PIR17, TN19, XR13, BHSB14, CVG17, HyG12, PLR18, PG12, RGM13, TLX17, WFF18].

Precise-Yet-Ecient [TN19]. Precision [LTMS18, LX19, SB14].

Pre-processing [SBK13]. Precise [PIR17, TN19, XR13, BHSB14, CVG17, HyG12, PLR18, PG12, RGM13, TLX17, WFF18].

Precise-Yet-Ecient [TN19]. Precision [LTMS18, LX19, SB14].

Pre-processing [SBK13]. Precise [PIR17, TN19, XR13, BHSB14, CVG17, HyG12, PLR18, PG12, RGM13, TLX17, WFF18].

Precise-Yet-Ecient [TN19]. Precision [LTMS18, LX19, SB14].
providing [OW16]. proving
[AGH+17, Taf13]. Proxies
[VM10, Eng13, KT14]. PSE [KS15].

pure [SS16]. Purely [RS12, SS16]. Purely-Declarative [RS12].
purely-functional [NFV15]. Purpose [RSI12, NFV15, SV18].

RDMA-enabled [ETR13]. RDMA-based [Ott18]. 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]. React [HOSC16].

regions [AD15]. reification
[BVGV14b, CRAJ10, DW10, EABVGV14,
Fox17a, GMC+13, HTLC10, KHM+11,
KPH11, KvGS+14, KW10, KPP+18,
KSR14, LTK17, MDS+17, PS10b, PZM+10,
PSW11, Puf13, RHT13, SP10a, Sic10, SPS17].

Purely-Declarative [RS12].

Quicksort [FWDL15]. query-
[CH17, KMMV14, NL14, SLS+12, Vit14].

Race [BH10, EP14, RD15, AMT17, BGOS18,
EQT10, HHB+14, RGB18, WFF18].
race-aware [EQT10]. RacerD [BGOS18].
races [FF10, WCG14, XXZ13]. Racket
[YK14]. racy [SRJ15]. Rady [Teo12]. Rails
[Teo12]. Range [BS12]. Ranged [FSK12].

Race [BH10, EP14, RD15, AMT17, BGOS18,
EQT10, HHB+14, RGB18, WFF18].
race-aware [EQT10]. RacerD [BGOS18].
races [FF10, WCG14, XXZ13]. Racket
[YK14]. racy [SRJ15]. Rady [Teo12]. Rails
[Teo12]. Range [BS12]. Ranged [FSK12].

Rapid [PWA13]. rationing [ASME18]. 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]. React [HOSC16].

reactive
[BCvC+13, MvH15]. read [NM10a].
read-only [NM10a]. Reading [Jaf13].
ready [RHS15]. Real
[BVEAGVA10, BBD+17, Fox17b, HTW14,
KW11, Nil12a, Pau14, SLES15, SLE+17,
VK12, BCR13, BVGV11a, BVGV11b, BVGV13, BVGV14a,
MCY+10, PTF+15, WHIN11. SELC
[DLPT14]. scenarios [AMWW15, Sch13].
Scheduler [QSaS+16, IF16, TWL12].
scheduler-independent [IF16].
Scheduling [ASV+16, BVEAGVA10,
KPHV11, EP14, EABGV14, ZW10].
scheme [XHII12, YKA+19]. SCHISM
[FZM+10]. Science
[HWM11, VF10, SGV12]. sciences [NL14].
Scientific [Esq11, PTML11, TAF+18,
WN10, FRGPLF+12, PMTL14]. scientists
[Bra14]. SCJ [MCW19]. SCJ-Circus
[MCW19]. SCORM [HC10]. Scrap
[ZCDSovdS15]. Script [MSSK16].
Scripting [CSGT17, KKK+17, HBT12,
KRR+14, Pmtl14, Zha12]. SE [LYBB14].
Seamless [OwKPM15]. Search [NNB18,
SED14, WCG+18, XXCL19, DDF17].
searching [ETR12]. Second [HD17].
secrets [Alt12]. section [DTLM14].
sections [NM10a]. Secure
[GMPS12, GM12, ABFM12, LMS+12,
LMS+13, TLMM13, WA19]. securely
[SFR+14]. securing [CDMR19]. Security
[CDG+17, Gou11, HBS16, JWMCI5,
MCC17, PS10a, STA18]. Seemingly
[Has12]. selection [WHIN11]. Self
[MPS12, SEVP19, YXS+19, hED12, AHK+11,
AGH+17, CBLFD12, HWW+15, MD15].
Self-adaptive [SEVP19]. Self-Admitted
[YXS+19]. self-collecting [AHK+11].
self-composition [AGH+17]. self-hosted
[CBLFD12]. self-optimizing
[HWW+15, MD15]. Self-stabilizing
[hED12]. Semantic
[GGRSY17, RbB14, BNS12, GGRSY14,
GGRSY15, MKK+12, MKK+13, OA17].
Semantics
[BO12, BR15, Kri12, LKP19, LML17,
SPY+16, AK13, FBH17, FZ17, KHL+17,
Mii13, MT14, P5R15, PPS16, ZHCB15].
Semantics-based [SPY+16].
Semantics-driven [LKP19],
semantics-preserving [AK13]. Semi
[FM13, SEK+19, ABC18, MRMV12].
semi-automated [MRMV12].
Semi-automatic [FM13].
Semi-Autonomic [SEK+19].
semi-structured [ABC18]. Sensitive
[SGD15, HWM13, KRR19, LMK16, LX19,
STA18]. sensitivity
[HB13, LTMS18, LX19, PLR18]. Sensor
[AFGG11]. separability [WR1+10].
Separating [DDM11, AC10]. Separation
[ZLPN18, Pha18, TWSC10]. Sequence
[NBB18, ZW+14]. Sequencing
[YWW+18]. Sequenc [FFF17]. sequential
[BENS12, DMS11]. serialization
[MHBO13]. Seriously [Kie10]. Server
[HC11, KRH16, D'H12, Det11, GGC19,
HWLM11, R+13]. Server-Side
[HC11, KRH16, D'H12]. Service
[BVEAGVA10, SDM12, CSKB12,
EABGV14, GD10, HWLM11, KF11].
service-oriented [EABGV14]. services
[MZC10b]. session [KDPG18, FGR12]. Set
[SBK13, Lon10a, Lon10b]. Set-based
[SBK13, Lon10a, Lon10b]. sets [SP10b].
setters [Mii13]. setting [BDS13].
Settings [GM12]. Seven [ST15]. SGX
[CDMR19]. Shadow [NNTK17, NNT+19].
ShadowVM [MKZ+14]. shalt [LCW18].
shape [GMT14]. Shared
[BG17, FBG17, BSMB16].
Shared-Memory [BG17, BSMB16].
sharing [PKO+15]. Sherlock [ADJG19].
Short [AHK+11, Cha18, SV15a, Zak12].
Short-term [AHK+11]. shortcut
[MLM19, CSGT17]. Side
[Bul18, HC11, OBPM17, D'H12, KRH16].
Side-Channel [Bul18]. SIGCSE [Wal12].
Signatures [DR10]. significance [FMS+11].
Simple [BO11, BO12, KCP+17, BVG14b,
MSM+10]. Simplicity [Dei11]. Simplifying
[Mor18, Ano18]. Simulating [LM15].
Simulation [HWLM11, FLZ+18, KKW11,
Rim12, ZXL16]. Simulation-based
simulations [MCY+10].


Software

[BS14, CC15, KH18, LMP19, PBM+19, RC17, Wan11, YQTR15, YMH19, BMS17, BTR+13, CBBM12, CFH+13, CJ17, CJ19, CDMR19, DVL13, EKUR10, FRG12+12, FC11, GT10a, HB+16, JhEd11, JK11, LPA13, MHR+12, NGB16, OIA+13, PLL+18, PBB19, RAS16, SZZ+19, SV17, XR13, YRHL13, ZK13, ZHC15, ZDS14, CKS18].


Source


specialization [KRR+14, SV15a]. specific [CSdL16, EER+13, HWW+15, Kie13].

Specification [GJS+13, GJS+14, IF16, KW11, LN15, LYB13a, LYB13b, LYB14, MCW19, TWH12, BVG11a, BCF+14, KR12, KW10, MRA+17, YP10, dCMM12].


staged [SC16]. staging [RO12].


Statement [XMD+17, PLR14, ZWS15]. statements [PLR14]. Static [BGK17, BNE16, JC10, LMP19, MTL15, ODL15, PilCH11, PLR18, RD15, SW12, SBE+19, SNC19, SH12, AM14, BGOS18, CGJ+16, Fer13, FLL+13, IF16, KSW+14, LS11, MHR+12, PIR17, TLM13].

statically [BTR+13, NED+13]. statistical [Bra14, ZFK+16]. statistically [PPM15].


STM/HTM [CHM16]. StMungo [KDP18]. stochastic [CRAT+12]. stock [PVH14]. Stop [LWB+15]. stops [BNP+18].

Storage [Hol12, VDV17]. Store
[BS12, Sta10]. stores [DFR13]. Story
[Ano14]. strategic [BM14]. strategy
[PDP16]. Stream [CWGA17, KBPS17,
MV16, BRWA14, SS+14, ZDK+19].
streaming [MRA+17, STG13].
StreamJIT [BRWA14]. StreamQRE
[MRA+17]. streams [SGG+17, UFM15].
Strength [KCD12]. String
[HOK14, CSK17]. Strings
[HWM11, HWM10, LSSD14]. strong
[UMP10, ZHCB15, ZBB17]. Structure
[ZLN18, LO15, PLL+18, UMP10].
structured [ABC18, LSWM16]. Structures
[GT10b, CDT10, XMA+10]. studies
[EKUR10]. Studio [RT14, FH16].
Studio-Based [RT14]. Study
[BF18, KB11, LMZP19, OBPM17, RVT18,
RLMM15, WZK+19, ZMM+16, BRGG12,
CCFB15, CJ17, ECS15, JK11, KFBK+15,
MHH19, MHR+12, NCS10, OMK+10,
PTF+15, SSL18, SH12, TFPB14, VBDPM16,
WXR16, YW13]. studying [CJ19]. style
[UFM15]. substitute [PPHM15]. substrate
[GTL+10]. subtypes [HL13]. Subtyping
[LN15]. Suite [MSS19, SMSB11, BB12].
Suites [GGZ+15]. Summaries
[BH17, BA19]. Summarization
[MM16, RLM15]. Superblock [KS13].
Supercharged [Cec11, GBS13].
Superposition [HD17]. supertype
[RRB17]. supervenience [Rez12]. Support
[ALB+19, CSGT17, KKK+17, RKN+18,
BGVEA13, Cha18, DVL13, GMC+13,
Hos12, NGB16, SMN+12]. supported
[FMM+11]. Supporting [LVT10, EKUR10].
Surfaces [FBG17]. Surgical [RSB+14].
surprises [FMBH15]. Survey [AGM+17,
OAC18, RVT18, BCvC+13, GD10].
SurveyMan [TB14]. surveys [TB14].
suspension [TWL12]. SV [CKS18].
SV-COMP [CKS18]. Sweeping [KBL14].
Sweeten [DFHF15]. Swift [ZY+12].
SWIM [Sch10a]. symbol [Tar11].
Symbolic
[Bul18, CYWD19, NNTK17, NNT+19,
PMT12, SWMV17, MPP+12, Rim12].
synchronobiology [Gra15]. Synchronisation
[CHMY19, CHMY15, WBM+10].
synchronization [DHM+12, Gra15, Sub11].
Synchronized [BG17].
Synchronized-by-Default [BG17].
synchronizing [CT18]. Synchronous
[BVEAGVA10, SK12, MvH15]. syntactic
[LE16, MHH12, MKK+13, QLB17].
Syntax [SS13, KMMV14, SSK13].
synthesis [STR14a, STR16, SS16].
synthesizable [ABCR10]. synthesizer
[OUY+13]. Synthesizing
[GK15, SRJ15, LWH+10]. Synthetic
[PSJ18]. System [BO13, KCD12, MAH16,
ACS+14, AYZ10, AG17, BDB11, ELW15,
HA13, HDK+11, HWLM11, KR12, MS10,
STY+14, TLL11, Nil12]. systematic
[TD15]. Systems
[BG17, BSA14, BNE16, CCH11, DLPT14,
Fox17b, HTW14, JMB12, LM15, LMZP19,
MRF18, NFA+18, NWS+18, RTE+13,
SLN15, SLE+17, AT16, CJ19, DW10, FH16,
Fox17a, HD17, HTLC10, LPGK14, LTK17,
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MH+15, OIA+13, PLL+18, PdiMG12, PBB19,
PDP+16, RHT13, SD+17, SSMGD10,
SABB19, SH12, TTD12, TWX+10, THC+14,
UIY10, Vit14, YHRL13, VK12].

Tableau [FFF17]. Tagged [RKN+18].
Tailoring [LZ12]. Take [Kie10]. Taking
[TWU+15]. Tales [Sew12]. talk
[Piz17, Sie17]. Taming [TLL11, SC16].
Tardis [BM14]. Target [Cle16]. Task
[RRB19, Fee16, TWL12, ZLB+13].
TaskLocalRandom [PPHM15]. Tasks
[PWS17, PWSG19, ST15, HAW13,
PPMH15, SPP+10]. Taurus [MAH16].
Taxonomy [SS14]. Teaching
[GLA19, HA13, SWF12, CHM13, ZDS14].
teasing [LBF12]. Technical [YXS+19].
technique [SZZ+19, SSK13]. Techniques [LMZP19, RD15, EV13, KS13].
Technologies [Fox17b, HTW14, VK12, Fox17a, HTLC10, KFGBK+15, NL14, RHT13].
technology [NED+13, TeJaS [LPGK14].
Template [MME14, HJS+10]. templates [FOPZ14, AK13]. term [AHK+11].
Terminating [FF17]. Termination [BMOG12, RDCP12, BSOG12, SMP10].
Test [AGM+17, BB12, BM18, GGZ+15, LMPZ19, MSS19, Pha18, Rim12, SPKT18, ST15, MT13, PSNS14, SR14a, SKR17].
Test-driven [BGS13, BR12, Hin13, MM12, MMP15, MMP+12, CSS+16, CNS13, KPP+18, Ler10, SABB19, Teo12, TD15].
tests [AÖ11, NYCS12, SRJ15]. Textbooks [BNP11]. their [RDP16]. theorem [SSH17].
There [Esq11]. thin [OD18, PPS16].
thin-air [PPS16]. things [McK16]. Think [WR10]. Third [Ano15, FOPZ14, LVG10].
third-party [FOPZ14, LVG10]. THOR [TWX+10]. Thoth [KB17]. Thou [LCW18].
Thread [MG114, BKCC+13, CRAJ10, MGI17, PCL14, PG12, SS10, WLL19, YDFF15].
Three [ZMM+16, Vi14]. Tier [WZK+19]. TigerQuoll [BBP13]. Tim [Teo13].
Tim [BVEAGVA10, BBB+17, BLH12, DLR16, Fox17b, HTW14, JMB12, Kie10, KW11, PKPM19, Fau14, SLES15, SLE+17, TN19, VK12, BCR13, BM14, BVGVEA10, BVGVEA11a, BVGVEA11b, BVGVEA13, BVGV14a, BVGV14b, CRAJ10, DW10, EABVG14, Fox17a, GMC+13, HTLC10, KHM+11, KPHV11, KHL+13, KvGS+14, KW10, KSR14, LMK16, LTK17, MGI17, Nil12a, PS10b, PZM+10, PWS11, Pfu13, RHT13, SP10a, SPPH10, Sie10, SPS17, SH12, TTS+10, WSH+19, WAB+11].
TIMP [SLS+12]. tiny [Xue12]. To-many [SV18]. to-one [SV18]. Tolerance [RK19].
tolerant [PZM+10]. Tool [FMM+11]. NBB18, PQD12, SW12, SSK13, ABFM12, CRAT+12, ETR12, KSR14, LS11, TWX+10].
Tool-supported [FMM+11]. toolchain [KDPG18, SM+18], Toolkit [FBG17].
trace-based [BBF+10, HW14, HWT+12, IHW12]. Traceability [CSKB12]. tracer [CZ14],
Traces [WKG17, BA12, RG13]. Tracing [BP10, DLR14, DLR16, MAK19, MRF18, MD15]. track [VSG17]. TrackEtching [VSG17]. Tracking [OAC18, RLM15, SDC+12, WLL19, KHL+13, OOK+10]. Tracks [RG13].
traceoff [UTO13].

Transactional [URJ18, DVL13, FC11, ZHCB15]. Transactions [DCSG12, CHM16, DFR13].
transfer [BL15]. transformation [AST+16, PDD17]. transformations [AK13, MWH10, PMP+16, TL17].
Transforming [dMRH12]. transitioning [HW14]. Translating [RFRS14].
Translation [BO12, LSWM16, LXP18, TJLL18].
translations [UTO13]. translator [LZYP16]. Translators [WWG+18].
Transmission [PE11, BVGVEA11b, BBJK12].
transparent [BDB11]. transpiler [STA18].
travel [BM14]. traversals [ODL15]. Treble
[YMHB19]. Tree
[LY012, HLO15, KMMV14, SSK13, YKA19].
trees [RBV16]. Trends
[CC15, MSS10, SR17]. trie [SV17].
trie-based [SV17]. tries
[SV15a, SV15b, SV18]. triggered
[EABVGV14]. triggers [FGB19]. TRINI
[PDP+16]. Trusted [TWNH12, BCF14].
TUIOFX [FBG17]. tuning
[AAB10, BVGVEAFG11, SKBL11]. Turf
[CH17]. Turing [Gri17]. Turn [HOSC16].
Tutorial
[Jen12, Nil12b, PBM19, Taf13, Zak12]. TV
[JMO14]. twitter [Guy14]. Two [Has12].
Type [BO13, CGJ16, KSW14, KATS12, Lei17, Loc18, RKN18, SGD15, WT11, ACS14, AT16, BS13, CMS12, CVG17, DLM10, FH16, GBS14, HyG12, KMLS15, KRR14, KRH16, KrRHA14, KDPG18, LPGK14, LE16, MHR12, SV18, SH12, TLL11, Zha12, eBH11]. Type-Based
[SGD15]. type-dependent [LE16].
type-heterogeneous [SV18]. Type-Safe
[Loc18, KMLS15]. Typechecking
[KDPG18, CL17]. Typed [BO13, KKK17, MHL15, CMS12, KRC14, Lei17, RDP16]. Types
[BO13, RvB14, SPAK10, BDGS13, CHJ12, DDM11, HH13, MME10, YDFF15].
TypeScript
[Cho14, FH16, RSF15].
Typing
[FZ17, RSF15, Sie17, SFR14, TSD12].
typy [OA17].

Ubiquitous [MCY10]. UDP [RR14].
ulfjack [ALB19]. ulfjack/ryu [ALB19].
ULS [FOPZ14]. ultimate [BL15]. UML
[CSF16]. unbounded [LSSD14, RGB18].
uncertain [McK16]. Unchangeable
[PK19]. Understandable [MSM16].
Understanding
[ABC18, FRM15, MKTD17, NBW18, PCL14, QLBS17, Set13, TABS12, VEY16, LBW15, Nil12b, OD18].
Undocumented [Alt12, MHR12]. Unified
[LM15]. uniform [AH10, Ecug13]. Unifying
[Has12, MKK12, MKK13]. union [KT15].
uniprocessors [KPHV11]. Units [LLL13].
universe [DDM11]. Unix [PVB17].
Unobtrusive [MGS19]. Unpicking
[LBF12]. Unrestricted [WSS13]. unsafe
[MPM15]. unsound [AT16]. Updates
[YMHB19, PKC13]. Upper [SW12].
Upsortable [SGG17]. upto trees [HB13].
USA [Hol12, KP15]. usability
[FA16, MHR12, WA19]. Usage
[OAC18, RC17, PTF15, QLBS17]. Use
[BGK17, Guy14, MPM15, AMWW15, MKTD17, PBHM13, Sch13]. use-case
[AMWW15]. used [XR10]. useless
[FRC17]. User [Lin14, MvDL12, RKHN18, SLS12, DAA13, FMS11, PSNS14].
user-defined [FMS11]. User-guided
[RKHN18]. Using
[ASdMG14, BS12, BSA14, BNE16, DLM10,
GLGA19, HCNI4, KFBK15, KH18, MV16,
MSSK16, NBB18, Pan14, PQR12, RC17,
SDM12, SLE17, UMP10, Wan11, WKG17,
WGG18, XMA14, YCYC12, Zak18, BB17,
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Lew13, LDM14, MT13, PIR17, PLR18, Pha18,
RKHN18, RAS16, SADB16, SSK13, SSH17,
SHU16, SS19, VGS14, WLLL19, WBN10,
WR110, XR13, ZLNP18, vdMvdMV12].
UT [Hol12]. utility [CSV15, XMA10].
utilization [BCR13].

v [Sam12]. V8 [MGI17]. Validating
[HLSK13]. Validation
[SSB14b, CSdL16, HCV17, SSB01]. Value
[BBB17, DFR13, SNCM19, YSCX17].
value-flow [YSCX17]. variable [CDTM10].
variables [NS13]. VDM [TJLL18].
Verifiable [FHIS12]. Verification
[CYWD19, CHMY19, CKS18, KKW14,
KP15, RAS16, SS12, SSB14b, CHMY15,
DLM10, HCV17, PSW11, SMN^+18, SZ11, SJPS10, SSH17, SSB01, dCMMN12].

verification-validation [HCV17]. Verified [HM12, Loc18, JLP^+14, WFF18].

VerifiedFT [WFF18]. Verifier [BDT10, Rey13]. verifiers [SPY^+16].

Verifying [LM15, YS10, vdMvdMV12, SD16b]. Veritesting [SWMV17]. Version [FLZ^+18, FC11, HD17, SM12, TMVB13, ZXL16].

vertical [BFS^+18, STY^+14]. via [Bul18, DMS11, GGRSY15, GGRSY17, Hos12, HB13, JWMC15, LSWM16, Rim12, SS16, TD17]. Video [PBM^+19]. view [Guy14]. violations [LTZ14, PG12, RDF15].


Wright [Teo13]. Write [ASME18, HJH10]. Write-rationing [ASME18]. Writing [HOSC16, Jaf13, Mor18].


Xtraitj [BD17].

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

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

[500x681]
References


[Abanades:2016:DAR]
Ansaloni:2012:DAO


Akai:2010:EAS


Anjo:2016:DML


Ahn:2014:IJP


Aumüller:2016:OPD


Amighi:2016:PCC

REFERENCES


REFERENCES


Apel:2010:CUF


Aigner:2011:STM


Aigner:2015:AJE


Andrysco:2016:PFP


Axelsen:2013:PTD


Adams:2019:URP

REFERENCES

v2.0; https://zenodo.org/record/3366212.


[Alt12]


Andersen:2014:PLJ

[And14]


Anonymous:2013:FAM


Anonymous:2014:RKS


Anonymous:2015:BRL


Anonymous:2018:BRS


Altidor:2014:RJG

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


REFERENCES

Boland:2012:JCC

Bonetta:2017:FJF

Basin:2017:KKV

Bebenita:2010:STB

Bonetta:2013:TPE

Bu:2013:BAD

Bettini:2013:FDT
Lorenzo Bettini, Sara Capecchi, and Ferruccio Damiani. On flexible dynamic trait replacement for Java-like lan-
Bodin:2014:TMJ


Bainomugisha:2013:SRP


Bettini:2017:XTJ


Bala:2011:DTD


Bergenti:2011:PPS


Bacon:2013:PRT

REFERENCES

52, April 2011. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic).


References


[BH17] Sahar Badihi and Abbas Heydarnoori. CrowdSummarizer: Automated generation of code summaries for Java programs through


REFERENCES

October 2013. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). OOPSLA ’13 conference proceedings.


[BMDK15] Jonathan Bell, Eric Melski, Mohan Dattatreya, and
REFERENCES


February 2011. CODEN ????. ISSN 1946-6226.


REFERENCES


REFERENCES


REFERENCES


Briggs:2017:COI

Carlisle:2011:WCB

Cao:2012:YYP

Chevalier-Boisvert:2012:BSH

Chaikalis:2015:FJS

Cosentino:2012:MDR

Ceccato:2015:LSE
Mariano Ceccato, Andrea Capiluppi, Paolo Falcarin,

**Chen:2011:MJP**


**Christophe:2018:ODA**


**Chisnall:2017:CJS**


**Coppolino:2019:CAE**

<table>
<thead>
<tr>
<th>REFERENCES</th>
</tr>
</thead>
</table>

**Ceccato:2010:MLD**


**Cecco:2011:SGJ**


**Carter:2013:SSA**


**Chandra:2016:TIS**


**Chamberlain:2017:PLR**


**Chadha:2018:JAS**


**Chugh:2012:DTJ**

REFERENCES

Carro:2013:MD


Chapman:2016:HS


Cogumbreiro:2015:DD


Cogumbreiro:2019:DD


Chong:2014:CCT


Campbell:2013:ICC


Chen:2017:CLP


[CHMY19]
Chen:2019:ESL


Cordeiro:2018:BJV


Canino:2017:PAE


Clerc:2016:OJJ


Costa:2010:RMN


Castro:2017:JLC

Sergio Castro, Kim Mens, and Paulo Moura. JPC: a library for categorising and applying inter-

Chang:2012:IOT


Celik:2019:DIA


Choi:2013:GGT


Clifford:2014:AFB


Clifford:2015:MMD


Chatterjee:2015:QIA

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

Curley:2010:RDT


Cote:2012:JPS


Chalin:2010:TIG


Chambers:2010:FEE


Ceccarello:2012:TGC


Cordoba-Sanchez:2016:ADS

Irene Córdoba-Sánchez and
REFERENCES


Chavez:2016:ACC


Choi:2017:SAS


Chawdhary:2017:PES


Chanda:2012:TBS


Chen:2016:CDD


Zhenbang Chen, Hengbiao Yu, Ji Wang, and Wei Dong. Symbolic verification of regular properties for Java programs. *ACM
Caserta:2014:JTJ


Diaz:2013:LEU


Dannen:2017:IES


daCosta:2012:JSL


Dhawan:2012:EJT


DElia:2013:BLP

REFERENCES

DeBeukelaer:2017:ECP


Dietl:2011:SOT


Deitc:2010:JEJ


Deitc:2011:SPJ


DelRa:2013:BRJ


Dennis:2018:MFI


Disney:2015:SYJ

REFERENCES

February 2015. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic).

Dey:2013:STA


deGouw:2015:OJU


Dolby:2012:DCA


Dietrich:2015:GSE


DiPierro:2018:RJ


DiPierro:2018:TVG


REFERENCES

1523-2867 (print), 1558-1160 (electronic). POPL ’14 conference proceedings.

Dissegna:2016:AIB


Demange:2013:PBB


deMol:2012:GTJ


Duarte:2011:ICS


Devietti:2012:RRC


Dietrich:2010:POD

REFERENCES


REFERENCES

DosSantos:2010:MPB


Estevez-Ayres:2014:CSS


elBoustani:2011:ITE


Emerick:2012:CP


Ebert:2015:ESE


Efttinge:2013:XID

Sven Efftinge, Moritz Eysholdt, Jan Kühne, Sebastian Zarnekow, Robert von Massow, Wilhelm Hasselbring, and Michael Hanus. Xbase: implementing domain-specific lan-

**Erdweg:2012:GLE**


**Egbring:2010:POS**


**Erdweg:2015:SOI**


**Eslamimehr:2014:RDS**


**Elmans:2010:GRA**


**Erdweg:2014:FEL**


**Eichelberger:2014:FRM**

[ES14] Holger Eichelberger and Klaus Schmid. Flexi-

**Esquembre:2011:TPL**


**Endrullis:2012:WEM**


**Expósito:2015:LLJ**


**Expósito:2012:DSJ**


**Eugster:2013:SUP**


**Evans:2013:WGJ**

REFERENCES


Fetter:2017:TJT


Foley-Bourgon:2017:EIC


Ferrara:2013:GSA


Flanagan:2010:AMD


REFERENCES


Fontaine:2012:VCF


Freudenberg:2015:SMP


Flanagan:2013:PES


Fan:2018:VCJ


Feldthaus:2013:SAR

Felgentreff:2015:CBC


Feldthaus:2011:TSR


Frantzeskou:2011:SUD


Fu:2014:FDC


Fox:2017:ESI


Fox:2017:EJT


Fernandes:2017:AUM

Leonardo Fernandes, Márcio Ribeiro, Luiz Carvalho, Ro-

**Fdez-Riverola:2012:JAF**


**Furnes:2012:RMC**


**Feng:2015:EQD**


**Fritz:2017:TSA**


REFERENCES

[Gupta:2019:CSJ]


[Gligoric:2015:GCB]

[Gosling:2013:JLS]
REFERENCES

Gvero:2015:SJE

Gabaruk:2019:TJO

Gejib:2012:CIE

Gonzalez:2013:HBP

Gadyatskaya:2012:JCA

Gardner:2012:TPL
Philippa Anne Gardner, Sergio Maffeis, and Gareth David Smith. Towards a program

**Greenman:2014:GFB**


**Gupta:2016:LSA**


**Gong:2011:JSA**


**Grossschadl:2012:EJI**


**Gramoli:2015:MTY**


**Grech:2011:JGE**


**Grigore:2017:JGT**

REFERENCES

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

Giacaman:2011:OOP

Gil:2012:SFJ

Gill:2015:RMD

Grimmer:2016:HPC

Grimmer:2018:CLI

Gill:2010:MDP
REFERENCES


REFERENCES

Gvero:2013:BRC


Gampe:2011:SMB


Grigore:2016:ARG


Garbervetsky:2011:QDM


Hauswirth:2013:TJP


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


REFERENCES

Hsiao:2010:EST

Hughes-Croucher:2011:NRS

Horstmann:2013:CJF

Herrera:2018:NCW

Hsiao:2014:UWC

Hammer:2017:VOV

Halder:2017:JSV
REFERENCES

Hofmann:2011:EOS

Hanazumi:2017:FAI

Horspool:2011:PPP

Hoppe:2013:DDB
REFERENCES

tronic). OOPSLA ’13 conference proceedings.


REFERENCES


Andreas Haas, Andreas Rossberg, Derek L. Schuff,
REFERENCES


Higuera-Toledano:2010:ISI


Higuera-Toledano:2014:EIS


Huang:2011:SBA


Haubl:2010:CES


Haubl:2011:ECE

Christian Häubl, Christian Wimmer, and Hanspeter Mössenböck. Erratum to “Compact and Efficient

Haubl:2013:CST


Haubl:2014:TTE


Humer:2015:DSL


Hackett:2012:FPH


Hua:2019:EED


Iranmanesh:2016:SSE

Zeinab Iranmanesh and Mehran S. Fallah. Specification and static enforcement
REFERENCES


REFERENCES

xxii + 848 pp. LCCN QA76.73.J38 J35946 2012.

Joseph:2010:PII


Jaer:2013:EAR


Ji:2012:PKP


James:2010:FMC


Jacek:2019:OCW


Jara:2012:NVJ

Jendrock:2012:JET


Jovic:2011:LLP


Jenista:2011:OSO


Jeon:2019:MLA


Jayaraman:2017:CVJ


Johari:2011:ESE


Jantz:2013:ESM


Andrew Johnson, Lucas Waye, Scott Moore, and Stephen Chong. Exploring and enforcing security guarantees via program depen-

Jin:2012:JMM


Kossakowski:2012:JED


Kastner:2012:TCA


Kumari:2011:AOO


Kunjir:2017:TAM


Kim:2014:LBL

Kiselyov:2017:SFC


Kedi:2017:SFS


Kulkarni:2012:MCO


Kouzapas:2018:TPM


Krishnaveni:2012:HOJ


Kereki:2015:JAW

Kuehnhausen:2011:AJM


Kumar:2012:WSB


Khan:2015:UJW


Knoche:2018:UML


Kerschbaumer:2013:IFT


Kang:2017:PSR


Kalibera:2011:FRT

Tomas Kalibera, Jeff Hagedberg, Petr Maj, Filip Pizlo, Ben Titzer, and Jan Vitek. A family of real-time

Kabanov:2011:DSF


Kienle:2010:ATT


Kienle:2013:BRE


Kaiser:2014:WAM


Kim:2017:TAA


Krieger:2011:AES

REFERENCES


[KPHV11] Tomas Kalibera, Filip Pi-


Kedlaya:2014:ITS

Ko:2019:WSA

Kaufmann:2013:SCO

Krebs:2014:JJB

Kroshko:2015:OPN

Kouneli:2012:MKD
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–
REFERENCES


Korsholm:2014:RTJ


Kashyap:2014:TRS


Keil:2014:EDA


Keil:2015:BAH


Kersten:2014:RRA


Kolesnikov:2014:CPB

REFERENCES

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

Kim:2010:EAE


Kim:2011:MAE


Lin:2012:UKT


Lauinger:2018:TSD


Li:2014:MHD


Lorenzen:2016:STD


**REFERENCES**


REFERENCES


[LMS+13] Fred Long, Dhruv Mohindra, Robert Seacord, Dean Sutherland, and David Svoboda. *Java coding guidelines: 75 recommendations for reliable and secure programs*. The SEI series in software engineering. Addison-Wesley, Reading, MA,
REFERENCES


 REFERENCES


[X. Larrucea, I. Santamaria,

Luu:2014:MCC


Leopoldseder:2016:JJT


Li:2011:JEC


Li:2014:EAJ


Laskowski:2012:DJP


Luckow:2017:HTP

Kasper Søe Luckow, Bent Thomsen, and Stephan Erbs Korsholm. HVMTP: a time predictable and portable Java Virtual Machine for hard real-time embedded systems. Concurrency
REFERENCES


[LX19] Jingbo Lu and Jingling Xue. Precision-preserving

[BBB14]


REFERENCES


Martinez:2017:MBA


McKinley:2016:PWU


McMillan:2011:SVM


Miyazawa:2019:SCS


McLane:2010:UIV


Marr:2015:TVP


Mytkowicz:2010:EAJ

Todd Mytkowicz, Amer Diwan, Matthias Hauswirth, and Peter F. Sweeney. Evaluating the accuracy of


REFERENCES

1. Miller:2013:IPG


Malhotra:2017:PPS


Misra:2012:JSC


Mazinianian:2017:UUL


Marek:2014:SRC


Martinez-Llario:2011:DJS


REFERENCES

0164-0925 (print), 1558-4593 (electronic).


REFERENCES


REFERENCES

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

Marino:2010:DSE


Marino:2016:DXU


Mitchell:2010:FTL


Marchetto:2019:CCR


Mitropoulos:2016:HTY


Malhotra:2013:DFT


Cristian Mateos, Alejandro Zumino, and Marcelo
REFERENCES


Nowicki:2018:MPI


Nasseri:2010:CMR


[NFB18]

Nuzman:2013:JTC


Nguyen:2018:SCM


Nasseri:2010:CMR

Newton:2015:ALF

Noll:2012:IDO


Noll:2013:OFD


Nunez:2016:PGC


Ngo:2012:BRE


Nilsen:2012:RTJ


Nilsen:2012:TOU


Namjoshi:2010:NOP

REFERENCES

[Na:2016:JPC]
Na:2016:JPC

[NKH16]
[NKH16]

[NM10b]

[Noller:2019:CSS]

[Noller:2017:SSE]

[NL14]
Nolan:2014:XWT

[NM10a]
[NM10a]

[NNT+19]
Nikolic:2012:DEA


Nikolic:2013:RAP


Nicolay:2017:PAJ


Nguyen:2015:FCR


Nguyen:2018:UCM


Naik:2012:AT


Omar:2017:PSF

Cyrus Omar and Jonathan Aldrich. Programmable semantic fragments: the design and implementation of typy. *ACM SIGPLAN Not-
REFERENCES


REFERENCES


Chris Parnin, Christian Bird, and Emerson Murphy-


REFERENCES

Pano:2018:FAL

Phan:2018:TIG

Park:2011:DCM

Park:2017:PSS

Pizlo:2017:JVM

Pukall:2013:JFR
Piao:2015:JJF


Park:2019:ROC


Parizek:2012:PAJ


Pan:2018:ASJ


Park:2014:AAS


Park:2018:SAJ

Pawlak:2016:SLI


Papadimitriou:2014:MLS


Phan:2012:SQLI


Porter:2018:PJE


Poslavsky:2019:REJ


Passerat-Palmbach:2015:TSS


Pichon-Pharabod:2016:CSR

Jean Pichon-Pharabod and Peter Sewell. A concurrency semantics for relaxed atomics that permits opti-

**Pham-Quang:2012:JAD**


**Piedrahita-Quintero:2017:JGA**


**Pironti:2010:PCJ**


**Pitter:2010:RTJ**


**Palmer:2011:BJM**

REFERENCES


[PTHH14] Tobias Pape, Arian Trefger, Robert Hirschfeld, and

Papadimitriou:2011:SES


Petrashko:2016:CGL


Powers:2017:BBG


Pina:2014:RDJ

Luís Pina, Luís Veiga, and Michael Hicks. Rubah:

**Plumbridge:2013:BPR**

**Pan:2017:GCF**

**Pizlo:2010:SFT**

**Qiu:2017:USR**

**Qian:2016:EFS**
Junjie Qian, Witawas Srisa-an, Sharad Seth, Hong Jiang, Du Li, and Pan Yi. Exploiting FIFO scheduler to improve paral-

**Rayns:2013:CJS**


**Rehman:2016:VMJ**


**Rauschmayer:2014:SJD**


**Rossi:2015:NPJ**


**Razafindralambo:2012:FFH**


**Raychev:2016:PMC**

REFERENCES


[Reynders:2016:GSB] Bob Reynders, Dominique

Reynolds:2013:MJB


Reza:2012:JS


Richard-Foy:2014:EHL


Radoi:2014:TIC


Roemer:2018:HCU


Richards:2011:ACJ


REFERENCES


[Reichenbach:2012:PPD] Christoph Reichenbach, Yannis Smaragdakis, and Neil Immerman. PQL: a


Raychev:2019:PPP


Ricci:2011:SAO


Ramos:2018:APS


Rudafshani:2017:LDD


Ramamohanarao:2017:SSM


Ryu:2016:JFB


Spadini:2019:MOT

[SABB19] Davide Spadini, Maurício Aniche, Magiel Bruntink,

Serbanescu:2016:DPO


Samuelson:2012:LSO


Sarto:2010:ZRD


Smaragdakis:2013:SBP


Smaragdakis:2013:SBP


[SD16b] Marcelo Sousa and Isil Dillig. Cartesian Hoare logic

**Sridharan:2012:CTP**


**Schoeberl:2017:SCJ**


**Shah:2012:AMJ**


**Sartor:2012:EMT**


**Stolee:2014:SSS**


**Staples:2019:SAB**

REFERENCES


Simao:2019:GWS


Serrano:2018:JAC


Seyler:2012:TJ


Swamy:2014:GTE

REFERENCES


REFERENCES


REFERENCES


Benno Stein, Benjamin Barslev


REFERENCES


Spring:2010:RAI


[SPP+10]


[SPPH10]

[Schoeberl:2010:WCE]

[Schoeberl:2010:WCE]

[SR14a]

[SR14b]

[Stefanescu:2016:SBP]


[Samak:2014:MTS]


[Samak:2014:TDD]


[Sun:2017:AJP]

[Kwangwon Sun and Sukyoung Ryu. Analysis of
REFERENCES


REFERENCES


Su:2014:CEM


Srikanth:2017:CVU


Singh:2013:TGC


Saini:2018:CNC


Sciampacone:2010:EMS


Stone:2015:WMT

Stark:2010:BIA

Sayed:2018:ITI

Santos:2013:DDS

Samak:2016:DSF

Sun:2013:BJW

Schafer:2012:CAN
M. Schäfer, A. Thies, F. Steimann, and F. Tip. A comprehensive approach to naming and accessibility in refactoring Java programs. *IEEE Transactions
REFERENCES


REFERENCES

- **Simon:2015:STH**
  
  

- **Savrun-Yeniceri:2014:EHI**
  
  Gülfem Savrun-Yeniceri, Wei Zhang, Huahan Zhang, Eric Seckler, Chen Li, Stefan Brunthaler, Per Larsen, and Michael Franz.
  

- **Servetto:2010:MMC**
  
  Marco Servetto and Elena Zucca.
  
  MetaFJig: a metacircular composition language for Java-like classes.

- **Siegel:2011:AFV**
  
  Stephen F. Siegel and Timothy K. Zirkel.
  

- **Shen:2019:IRA**
  
  Bo Shen, Wei Zhang, Haiyan Zhao, Guangtai Liang, Zhi Jin, and Qianxiang Wang.
  

- **Tamayo:2012:UBD**
  
  Juan M. Tamayo, Alex Aiken, Nathan Bronson, and Mooly Sagiv.
  
REFERENCES

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


Teodorovici:2012:BRC


Teodorovici:2013:BRL


Teyton:2014:SLM


Tu:2014:PPP


Tran-Jörgensen:2018:ATV


Tsai:2015:JPI

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

Thiessen:2017:CTP


Tate:2011:TWJ


Tetali:2013:MSA


Tan:2017:EPP

Tian Tan, Yue Li, and Jingtian Xue. Efficient and precise points-to analysis: modeling the heap by merging equivalent automata. ACM SIGPLAN Notices, 52(6):263–277, June 2017. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic).

Terra:2013:QCC

<table>
<thead>
<tr>
<th>REFERENCES</th>
<th>162</th>
</tr>
</thead>
</table>

**Thakur:2019:PFP**


**Toledo:2012:AJA**


**Topley:2011:JDG**


**Taboada:2013:JHP**


**Taboada:2011:DEJ**


**Toffola:2015:PPY**

Takikawa:2012:GTF


Toledo:2011:ACJ


Taboada:2011:DLC


Taboada:2012:FMS


Tatsubori:2010:EJT


Torlak:2010:MCA

Tardieu:2012:WSS


Toegl:2012:SSJ


Titzer:2010:ICR


Urma:2015:JAL


Ugawa:2010:IRB


Ugawa:2010:IRB


Ugawa:2014:ROP


Ugawa:2014:ROP


Ugawa:2014:ROP


**Upadhyaya:2010:UDS**


**UMP10**

[Upadhyaya:2010:UDS]


**Uva:2018:AWJ**

[UTO13]


**Ugawa:2018:TSL**


**URJ18**


**Urec:2013:MIS**
REFERENCES


REFERENCES

[VBMDDP16] 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-
7616 (electronic). URL
http://link.springer.
com/accesspage/article/
10.1007/s10664-015-9365-
9.

[VBD+18] Santiago Vidal, Iñaki Berra, 
Santiago Zulliani, Claudia Marcos, and J. Andrés 
Díaz Pace. Assessing the 
refactoring of brain meth-
ods. ACM Transactions 
on Software Engineering 
and Methodology, 27(1):
2:1–2:??, June 2018. CO-
DEN ATSMER. ISSN 1049-331X
(print), 1557-7392 (elec-
tronic).

[vdMvdMV12] Heila van der Merwe, Brink 
van der Merwe, and Willem 
Visser. Verifying An-
droid applications using 
Java PathFinder. ACM 
SIGSOFT Software En-
gineering Notes, 37(6):
1–5, November 2012. CO-
DEN SFENDP. ISSN 0163-5948
(print), 1943-5843 (elec-
tronic).

[VDV17] Paolo Viotti, Dan Dobre, 
and Marko Vukolić. Hybris: 
Robust hybrid cloud stor-
age. ACM Transactions on 
Storage, 13(3):27:1–27:??,
October 2017. CODEN
???? ISSN 1553-3077
(print), 1553-3093 (elec-
tronic).

[VF10] Charles F. Van Loan and 
K.-Y. Daisy Fan. In-
sight through computing:
a MATLAB introduction 
to computational science 
and engineering. SIAM 
Press, Philadelphia, PA, 
USA, 2010. ISBN 0-
89871-691-8. xviii + 
434 pp. LCCN QA297
.V25 2010. URL http:
//www.loc.gov/catdir/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. Paral-
lel Computing, 59(??):1–20,
November 2016. CODEN

REFERENCES


Vikas:2014:MGA


Vitek:2014:CTR


Vitek:2012:ISI


VanCutsem:2010:PDP


VanCutsem:2015:RTC


Verdu:2016:PSA

REFERENCES

[VanderHart:2010:PC]

[VS11]

[Varier:2017:TNJ]

[VanNieuwpoort:2010:SHL]

[Wijayarathna:2019:WJC]

[Wurthinger:2011:SAR]
Thomas Würthinger, Danilo Ansaloni, Walter Binder, Christian Wimmer, and Hanspeter Mössenböck. Safe

[WBA+11]

[Wal12]


[Wampler:2011:FPJ]


[Wang:2011:EEU]


[Wurthinger:2011:AED]


[Wang:2018:HSA]


[Welch:2010:ABS]

Peter Welch, Neil Brown, James Moores, Kevin Chalmers, and Bernhard Sputh. Alting barriers: synchronisation with choice in Java using JCSP. *Concurrency and Computation: Practi-
REFERENCES

[102x681]

[102x681] Wells:2016:ISC


REFERENCES


[Wang:2019:TRC] Lulu Wang, Jingyue Li, and Bixin Li. Tracking
runtime concurrent dependencies in Java threads using thread control profiling. 

**Wimmer:2010:AFD**

**Wendykier:2010:PCH**

**Witman:2010:TBR**

**Westbrook:2010:MJM**

**Watt:2019:WW**

**Wimmer:2019:IOS**
Wehr:2010:JBP


Wehr:2011:JIT


Wang:2018:IDG


Wurthinger:2017:PPE


Wurthinger:2013:USD


Wei:2016:ESD


REFERENCES

Yang:2012:MPD


Yi:2015:CTC


Yang:2013:CPP


Yoo:2014:WRR


Yang:2019:MGL


Yang:2017:EJV

REFERENCES

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

**Yessenov:2017:DAD**


**Yim:2019:TFS**


**Yerima:2012:AMB**


**Yi:2015:SCC**


**Yiapanis:2013:OSR**


**Yang:2010:JIP**

REFERENCES


Zakai:2018:FPW


Zheng:2015:APP


Zhang:2017:ACE


Zhang:2015:SYB


Zeuch:2019:AES


Zschaler:2014: SJF


Zuo:2016:LOF

Zhiqiang Zuo, Lu Fang, Siau-Cheng Khoo, Guoqing Xu, and Shan Lu. Low-overhead and fully automated statistical debug-
Zhao:2012:PTI


Zhang:2015:LOS


Zhao:2013:INT


Zhang:2012:RAJ


Zhang:2012:RAJ

REFERENCES

Zhang:2014:AIO


Zeyda:2014:CMS


Zabolotnyi:2015:JCG


Zheng:2018:ADS


Zhang:2014:ARP


Zhou:2016:IRO

REFERENCES

Zhang:2014:HTB


Zakkak:2014:JMM


Zibin:2010:OIG


Zerzelidis:2010:FFS


Zhu:2013:EAZ


Zhu:2015:APL


Zhao:2014:CSP

[ZWZ+14] Zhijia Zhao, Bo Wu, Mingzhou Zhou, Yufei Ding, Jianhua Sun, Xipeng Shen, and Youfeng Wu. Call sequence prediction through probabilistic calling automata. *ACM SIGPLAN
Zhang:2016:NVC


Zhou:2019:AJM


Zhang:2012:SRB


Zhang:2013:IMF