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

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25 November 2017
Version 1.158

Abstract

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

Title word cross-reference

3 [GBC12, JEC+12, ZXL16]. C_p [AÖ11]. k [SD16b, SGG+17]. Z_p [AÖ11].
-safety [SD16b].
/multi [Taf13]. /multi-threaded [Taf13].
'12 [Hol12].
27th [KP15].
5 [KHR11].
6 [Jen12].
7 [EV13, J+12]. 75 [HWM11].
8 [LYBB14, SAdB+16, UFM15].
938 [Gun14]. 978-1-4493-1103-2 [Bro12].

Abbreviated [SRTR17]. ABS [SAdB+16].
absence [AGH+17]. Abstract
AGR12, BDT10, DLR16, XMA+14, DLM10,
DLR14, FSC+13, KMMV14]. Abstraction
accelerated [PQTGS17], Accelerating [KMZN16, ZLB14], accelerator [OIA+13]. accelerators [PWA13]. Access [CSGT17, HBT12, T11, BB17, KT14, MHM10, RHN+13, XHH12], accessibility [VBMDP16]. Acculock [XXZ13], accuracy [MDHS10]. Accurate [Jaf13, ZBB15, XXZ13]. Accuracy [MD15, SS14]. Approximation [SS12]. Approaches [SBK13, SP10b, TLX17, TWX+10, TLMM13, TL17, TPG15, ZMNY14, ZWSS15].
Architectures
[KKK+17, ABCR10, Hos12, MS10, ZP14].
arena [TRE+13], arithmetic [TGZ17].
Arquillian [Ame13], array [SV15b], arrays [FBH17, SBF+10], arrows [FZ17], art [Lew13], ASM [AGR17], Aspect [ABMV12, VBAM10b, VBMA11, WBA+11].
Aspect-Oriented
[ABMV12, VBAM10b, WBA+11]. AspectJ [AC10], aspects [LGV10], Assertion [MM12], Assertion-Based [MM12], Assertional [LL15], assertions [VYY10].
Assessing [GTSS11, JACS10], assignment [KT15], AST [DRN14, HWW+15, ZLBF14].
asymmetric [CBGM12], asymptotic [ODL15]. Asynchronous
[KW11, SK12, WK12, FZ17, KW10], atomic [WAB+11]. Atomicity [GGRSY17, JLP+14, BHSB14, BNS12, GGRSY15, UMP10].
atomics [PPS16]. Attack [BH12], Attacks [MSSK16], attribute [SHU16], augmentation [DNA13], authentication [XHH12], authorship [FMS+11], auto [SKBL11], auto-tuning [SKBL11].
automata [TLX17, ZWZ+14]. Automated
[BH17, BSOG12, BMOG12, MS14, RGEV11, SDM12, AsdMGM14, MRMV12, ZFK+16].
Automatic
[GGRSY14, GGRSY15, GGRSY17, KKKW11, MDS+17, PQD12, SZ11, SD16a, SJP10, SS16, WM10, ABK+16, FM13, PG12].
automatically [TB14], Autonomic [DLPT14]. Autonomous [GMPS12].
average [LDL14], avoid [XR10], avoids [PPS16]. Aware [JYKS12, BBXC13, CL17, EQT10, SSB+14a, SGV12]. awareness [VGS14], axiomatic [TVD10].
B [DLZ+13], back [Car11]. Backstage
[PS11]. Bad [dGRdB+15], baggage
[KFB+12]. balances [FMBH15]. balancing
[PDP+16]. Ball [DD13], barrier
[CHMY15, VB14a], barriers
[HJH10, WBM+10]. Based
[AFFG11, DLRI16, GM12, GGZ+15, GCC18, LTD+12, MVDL12, MMD12, PTML11, PiLCH11, PE11, RBL12, RT14, SGD15, SLS+12, SWF12, AYZH10, AST+16, AD13, BBF+10, BBP13, BB17, CJ17, CPST14, CPST15, GMC+13, HWM14, HW1+12, HOK014, HWLM11, IHWN12, IRJ+12, JEC+12, JMO14, KATS12, KS13, KRCH14, KvRHA14, KS14, MCC17, MB12, MCY+10, PDP+16, PWS11, SZ11, SBK13, SMP10, SPY+16, SV17, SNS+14, UIY10, VSG17, XHH12, YP10, ZYZ+12]. basic [CZ14].
basic-block [CZ14], basics [Zak12],
basierte [Ric14], battlefield [WT10].
Bayesian [BSA14], BeagleBone [Ric14].
before [TD15], begone [MRMV12].
behavior
[LWB+15, RLBV10, TABS12, WXR16].
Behavioral
[LN15, AMWW15], behaviors
[PCL14], behaviour [SMS+12]. Beliefs
[BA17]. Benchmark [GBC12, SMSB11].
benchmarking [AHK+15, MDM17]. benchmarking
[KHM+11, RGEV11]. benefit
[HH13], best [Sch13]. Better
[Bro12, TD15]. Between
[PVB17, ZLHD15, CMM17, RDP16, SH12]. Big
[GTS+15, NBB+15, RVK15, BBXC13, SSG+14, WR10]. billions [DRN14].
bindings [VGRS16], bird [Guy14].
Birthmark [PiLCH11]. Blame [KT15].
Bloat [MS10, XMA+14, BRGG12, BBXC13, XRR10]. technique [BBXC13].
block [CZ14, KBL14], block-level [KBL14].
blocking [DW10]. Blockly [AMWW15].
Blueshell [PWA13], boilerplate
[ZCdSOvdS15], Book [Bro12]. Boosting
[ASV+16, AC16]. Bootstrapping
[CBLFD12]. Bottle [DSEE13]. bottlenecks
[DSEE13]. bottom [ZMNY14]. bottom-up
[ZMNY14]. boundary [RDP16]. Bounded
[NWB+15, GMT14]. Bounds
Changing [SSG+14], channels [AGH+17, LS11]. Characterizing [CJ17].

check [GvRN+11]. Checking [BNE16, Chio14, JC10, JYKS12, ABFM12, BHSV14, BNS12, 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 [ZLCW14].

City [Hol12]. Class [BS13, NCS10, HC10, MMH10, SC16, TSD+12]. Classes [And14, WT11, CZ14, SIZ10, TSD+12, VBDPM16].

Classfiles [SD16a]. classification [SS14].

Classifiers [BSA14]. Classifying [MHM10].

Classless [WzdSOS17]. clicker [HA13].


Closures [BO11, BO12, BO13]. Cloud [VDV17, GGC18, LZYP16, TLMM13].

cloud-based [GGC18]. clustered [PDPM+16]. clusters [TRTD11]. Cocoa [Sta10].

Code [BH17, BNE16, HC11]. RVK15, SRT17, SV15a, SED14, AGR17, AK13, CCBF15, DMR14, FH16, FMS+11, LVG10, NG13, OJ12, PMP+16, PSW11, RFRS14, RBV16, RO12, UTO13, VSG17, WKJ17, WGF11, WBA+11, WAB+11, WWS13, ZHL+12, XNL16, ZWS15].

coding [LMS+12]. coherent [ZP14]. Cold [BZD17, WGF11]. collected [AGGZ10].

collecting [AHK+11].

Collection [ASV+16, GM12, QSaS+16, BP10, KPH11, KBL14, NGB16, ODL15, PZM+10, PDP+16, SP10a, SBB14, SBB14, SBB14, SBB14, SBB14, SBB14, SBB14].

Collections [BS12, PL12, SV15b, SV17].


coloring [SS10]. Colt [WN10]. CoMA [AGR12]. Combination
[BSA14]. Combinatorial [YHY13].
combinators [MHBO13]. Combining [BDGS13, MGI17]. commensal [BRWA14].
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]. Compact [HWM10, HWM11, JFL17].
Comparison [ADi13, BJBK12, HH13, KVRHA14, SMS+12]. Comparisons [GGZ+15]. Compartamental [WGW+11].
compatibi [ABC10, OIA+13]. compatible [ABCR10, Hor12].
Compilation [DLR16, CGJ+16, CMS+12, DLR14, FSC+13, IHWN12, JLP+14, JK13, JMO14, KS13, KHL+13, Lei17, MD15, MGI17, ZBB15]. compiled [NED+13, RO12]. Compiler [JMB12, NKF16, NWS+15, BBF+10, BRWA14, CIAD13, HWM14, IHWN12, KMLS15, KS14, KC12, LSWM16, MD17, Rub14, TTS+10, TWSC10, VB14b, ZYZ+12].
Composable [SS10]. Composing [EABVGV14]. Composition [SK12, AHH+17, AH10, SZ10, VM15].
[Wan11, Zak12]. Coverage
[CSS+16, GGZ+15]. Coverage-Based
[GGZ+15]. Coverage-directed [CSS+16].
CPS [PDDD17], CPU [PKO+15].
Crawling [MvDL12], creating
[HC10, VBAM10b]. Creation [SK12]. crisis
[AT16]. Critical [HL13, WK12, WCB14, ZLCW14, AGR17, DTL14, GMC+13, NM10, Nil12b, RS12, CWW13, LWC17].
Cross [MMD17, AMWW15, BKC+13, GSS+16, KMZ16]. cross-cutting
[AMWW15]. Cross-language
[MMD17, GSS+16]. cross-program
[KMZ16]. cross-thread [BKC+13].
Crowdsourcing [BH17].
CrowdSummarizer [BH17].
Cryptography [GPT12]. CSS
[HLO15, Sta10]. Curve [GPT12].
customizations [LVG10]. customized
[HB13]. cutting [AMWW15]. Cyclic
[BMOG12, RS12].
D [GBC12, JEC+12, ZXL16], DAA [DR10].
Data [Bra14, BMOG12, BA17, GM12, GTS+15, GT10, NKh16, Nwb+15, dMRH12, BK14, BB17, BBXC13, BJBK12, CRP+10, DFR13, D HM+12, FOPZ14, KB17, LDL14, MRA+17, NFL1, SaDb+16, SSG+14, SGG+17, UMP10, WKK17, WCG14, XXZ13, XMA+10, ZIvds17]. data-centric
[DHM+12, FOPZ14]. Data-Parallel
[NKh16, CRP+10], database
[Dei10, TABS12], databases [MLGA11].
Dataflow [BR12]. Datalog [ZMG+14].
dataset [MDS+17]. Days [Sev12b]. DBT
[KS13], dead [SK13], deadlock
[CHMY15, SR14a, SR14b]. Dean [Bro12].
debugging
[AsdGM14, BM14, KS14, TB14, ZFK+16].
Deciding [SGD15]. decision [RBV16].
Declarative
[DRN14, RS112, FOPZ14, MME+10].
Decomposition [AGH+17].
deconstructing [ACS+14]. decoupled
[LPA13]. deduplication [HOKO14].
default [SNS+14]. defects [MDS+17].
defined [FMS+11]. Definite [NS12].
Definition [SSB14b, AK13, SSB01].
Definitive [Oak14]. delegation [GBS13].
delimited [PDDD17]. Delphi [GBS13].
demand [FWDL15, ZHL+12].
demand-driven [FWDL15]. DemoMatch
[YSK17]. demonstrations [YSK17].
Deoptimization [KRCH14]. Dependence
[PDDD17, JWMC15]. Dependence-driven
[PDDD17]. dependences [BKC+13].
dependencies [ELW15]. Dependent
[CHJ12, LE16], deploying [R+13], depth
[Rau14]. Design [AC16, ETTD12, MLGA11, PuF13, RTE+13, SW12, TRTD11, TKL+15, VGRS16, YCYC12, BBXC13, CsdL16, GSD+15, IRJ+12, OA17, SaDB+16, SMSB11, VM10, Xue12]. Designing
[Sev12b, KHR11]. Desktop [GS11].
destructive [FF10]. Detecting
[BK12, HLO15, PilCH11, XR10, FF10].
Detection [BSOG12, KCD12, MS14, RD15, XMA+14, CSK17, LMK16, LS11, ODL15, PG12, RDF15, RW17, SR14a, SR14b, SS14, WCG14, XXZ13, XR13], detectors
[LWH+10]. Determinacy [AM14].
deterministic [DNB+12], developer
[EV13, Top11, ZZK13]. Developers
[Bro12, BMR14, DJB16, HH13, Wan11].
developing [R+13]. Development
[ABK+16, AYZI10, AGR17, FRGPLF+12, PSW11, SH12, WBA+11, ZDS14]. Device
[TDD+11, XHH12]. Devices
[GPT12, JQJ+16, MV16, ETR+15, Xue12].
DFC [BR12]. diagnosis [RW17]. DiAl
[STCG13]. dialects [BlvdS17]. difference
[PS11], differential [CSS+16].
Differentiation [FHP+12, PQD12, SD16a].
digital [JMO14]. dimensional [TGZ17].
Directed [STR16, CSS+16, EP14, Lei17, NG13, NED+13, WM10]. directives
[VGS14]. Discovering [Sev12a]. discovery
[YSK17]. discrete [DDDF17]. Disease
Dissimilar [Has12]. Distance [ZW13]. distributable [CRAJ10].
Distributed
[BVEAGYA10, LTD+12, LM15, MAHK16, PE11, BVGVEA10, BVGVEA11b,
BVGVE14b, CRAJ10, EABVGV14, STCG13].
distributing [TGZ17]. divide [SBF+10],
Do [HH13, Han15]. Does [BRGG12, Rub14].
DOJ [hEYJD12]. DOM [GCC18].
DOM-Based [GCC18]. Domain [KSPK12,
CSdL16, EEK+13, HWW+15, PIR17].
domain-specific
[CSdL16, EEK+13, HWW+15]. dominance
[CPST14]. Doppio [VB14a].
DoubleChecker [BHSB14]. down
[Ker15, ZMNY14]. df [MSM+16]. DRFX
[MSM+10, SMN+12]. Driven
[CCA+12, CHM13, FWDL15, MTL15,
PDD17, SR14b]. DSL [KARO12]. DSLs
[KHR11, RO12, SC16]. DSU [PVH14].
Dual [AD16]. Dual-Pivot [AD16].
Dynamic [ABMV12, ASF17, CHMY15,
MvDL12, PTHH14, RDF15, XMA+14,
ZKB+16, AF12, BDB11, BK14, BCD13,
CS15, CPST15, ELW15, GYB+11, HB13,
KRCH14, KRR+14, KT14, LWI+10, LVG10,
MKZ+14, Nil12b, NG12, NED+13, RLBV10,
RCh+14, SR14b, SJS10, SH12, TPG15,
VBAM10b, WXR16, WBA+11, WAB+11,
WWS13, WWH+17, ZBB15].
dynamic-memory [GYB+11].
dynamically [CZ14, CMS+12, hEYJD12].
Dynano [BDB11].
e-Science [SVG12]. ease [DRN14]. Easy
[Jaf13, CRP+10]. economic [CS15].
economics [SBJL10]. edition [LYBB14].
editor [EK1+12]. Editorials
[Fox17, HTW14, RHT13]. EDSLs [RP16].
Educator [BA17]. EE [Jen12, MCC17].
effect [CCFB15]. Effective
[BMR14, PTML11, RD15, CSdL16].
Effectively [UR15]. effects
[FH16, HAW13, Lei17]. Efficient
[DV13, GPT12, HW11, HB13, KT14,
KW10, OOK+10, RSF+15, RFBJ14,
SMN+12, TLX17, AK13, BHSB14, CRP+10,
ETR12, HW11, KKW11, MRA+17,
MSM+10, SG12, SWB+15, SV15a,
TRTD11, UMP10, WVJB10, XXZ13].
Efficiently [FB17, BK+13, FOPZ14].
Einsatzszenarien [Sch13]. Einsteiger
[Ric14]. Elektronik [Ric14].
Elektronik-Projekte [Ric14]. Elephant
[RG13]. elimination [GvR+11]. elision
[NM10]. Elliptic [GTP12]. Eloquent
[Hav11]. Embedded [Fox17, HTW14,
JMB12, KARO12, Pau14, SLES15, SLE+17,
TKL+15, VK12, Dei10, GMC+13, HTLC10,
KRR11, LMK16, OIA+13, RHT13, SC16,
SFR+14, UI10, Xuc12, ZYZ+12].
embedding [KML15, SC16]. Empirical
[SS13, WXR16, BBJK12, FH16, HH13,
MHR+12, NCS10, SH12, VBDPM16,
VBM16]. emulated [THC+14].
emulator [KS13]. Enabled
[GPT12, DR10, ETR+15, RBL12, SG12].
capsulation [DD11]. End
[G12, DAA13]. End-to-End [GM12].
end-user [DAA13]. energy [CL17, PCL14].
energy-aware [CL17]. enforcement [IF16].
ensuring [JWMC15]. engine
[MGI17, OUY+13, Tar11]. Engineering
[CCA+12, VF10]. engineers [Bra14].
globes [HR16, SSG+14]. enhanced
[LM16, WBA+11]. Enhancing
[BDT10, BVGVEA13, DeSG12, HC10].
Ensuring [HDK+11]. Enterprise
[ano14, AAB+10]. entities [ETR12]. Entry
[BK12]. enumeration [SSH17].
Environment [KöI10, PTML11, EKR+12].
environments [EABVGV14, GTL+10,
HOKO14, KFI11, RDP16, RCB17, SG12].
equality [RGI11]. Equivalence [BO12].
equivalent [TLX17]. ERAM [Sch10a].
Erratum [HW11]. error [eBH11]. ES5
[DFHF15]. Escape [SLES15, SLE+17].
estimation [LMK16]. etched [SVG17].
eval [Mil13, MRMV12]. Evaluating
[BLH12, MDHS10]. Evaluation
[GBC12, JMB12, OCFLI14, TTS+10, Wan11,
CSK17, MRA+17, MD15, WWH+17].
Evaluating [BLH12, MDHS10]. Evaluation
[GBC12, JMB12, OCFLI14, TTS+10, Wan11,
CSK17, MRA+17, MD15, WWH+17].
Evaluator [JB12]. Event [KW11, MV16,
BBP13, KW10, MTL15, WK12, YP10].
event-based [BBP13, YP10]. event-driven
[MTL15]. EventBreak [PSNS14]. ever
[Gra15]. everyone [Hor12].
event-based [BBP13, YP10]. event-driven
[MTL15]. EventBreak [PSNS14]. ever
[Gra15]. everyone [Hor12].
event-based [BBP13, YP10]. event-driven
[MTL15]. EventBreak [PSNS14]. ever
[Gra15]. everyone [Hor12].
event-based [BBP13, YP10]. event-driven
[MTL15]. EventBreak [PSNS14]. ever
[Gra15]. everyone [Hor12].

F [GMT14, TTD12]. F-bounded [GMT14].
fragments [OA17], frames [SJPS10].
Framework [CCA+12, FFF17, LM15, RBL12, Ame13, AC16, DDDF17, ER14, FRGPLF+12, JEC+12, KMLS15, PKO+15, RR14, STY+14, ZW10, ZDS14].
frameworks [PPMH15]. Francisco [KP15]. free
[DTLM14, FC11, GK15, HHB+14, NFV15].
free-form [GK15].
free-lunch [DTLM14].
frequency [ZWSS15]. Friendly [RBL12].
fringe [MB12, MB12].
Full [SRTR17, DRN14]. Full-Word [SRTR17].
Fully [FSC+13, PG12, ZF*K+16].
Fusing [MS13, ETR12, WM10]. fusion [KBPS17].
future [SS16]. fuzzer [Guo17].
Game [MT14, Wan11]. Gap
[PVBl15, ZLHD15]. Garbage
[ASV+16, BH12, GTS+15, QSaS+16, Sch13, SKBL11, AGGZ10, BCR13, BP10, BVGV14b, GTSS11, KPHV11, KBL14, NGB16, PZM+10, PDPM+16, Pu13, SP10a, SBM14, Sie10, SJB10, UIY10, UJR14].
Garbage-collection [Sie10]. GC [NGB16, RGM13]. GEMS [BSM16].
general [CHMY15]. generalized [WT10].
Generating
[IJS+10, RDP16, GRF11, KS14, MHBO13].
Generation
[BH17, CRJ+10, PPMH15, PSNS14, RO12, UMP10]. generators [SLF14].
generic
[DDM11, Fer13, HH13, ZPL+10, eBH11]. generics [AS14, Grl17, PBMH13]. Genetic
[YCYC12]. Genotyping
[YCYC12].
GeoGebra
[ABK+16]. geosciences [MCY+10]. German [Sch13]. get [Ame13].
Getaway
[SLES15, SLE+17]. Gets [BH12]. getters [Mrl13]. Getting
[GTM14]. Giga
[DHS15]. Giga-scale
[DHS15]. glimpse
[SP16]. Global
[PE11]. Global-Scale
[PE11]. Glotaran
[SLS+12]. go
[LWB+15].
Goldilocks
[EQT10]. Good
[dGRdB+15].
Google
[MGl17, Sat12]. GPGPU
[PQTGS17]. GPGPU-accelerated
[PQTGS17]. GPU
[PKO+15]. GPUs
[Hos12]. grade
[CRJ+10]. Gradual
[RSF+15, SFR+14, TSD+12]. grained
[DRN14]. grammars
[GN16, SHU16].
granularity
[CZ14]. Graph
[dMRH12, BS13]. Graphical
[SLS+12].
Graphics
[Cec11, LLL13]. graphs
[AdCGGH16, DSEE13, JWMC15, PUL016].
green
[BRGG12]. Greenfoot
[K610]. grid
[GV12, WWJ10, MZC10b]. Gridifying
[MZC10b]. grounded
[EV13]. Growing
[EKR+12]. growth
[LDL14]. guarantees
[JWMC15, ZHCB15].
GUI
[CNS13, VGS14, WBA+11].
GUI-awareness
[VGS14]. Guide
[Ame13, Oak14, Rau14, Top11]. Guided
[CNS13, GY16, PSNS14, SSH17].
Guidelines
[GGZ+15, HLSK13].
Handling
[KW11, ECS15, HWM14, KW10, WK12].
happened
[Han15]. happens
[TD15].
happens-before
[TD15]. hard
[Puf13].
Hardware
[SKKR11, SPS17, CBGM12, IN12, SE12].
hardwired
[OUY+13]. hash
[SV15a, SV15b]. hash-array
[SV15b].
hashing
[GRF11]. HDFS
[IRJ+12]. HDL
[OUY+13]. heap
[CSV15, LDL14, TLX17, Tar11, VYY10, YS10, BVGV1A0].
heap-manipulating
[YS10]. Helping
[RT14]. Hera
[MS10]. Hera-JVM
[MS10].
Heterogeneous
[ASV+16, HBB+14, Rub14, AYZ10, ABCR10, DFR13, MS10].
Heterogeneous-race-free
[HBB+14].
heuristics
[LMK16]. Hidding
[RBL12].
hierarchy
[BS13]. High
[GSS+16, Ho12, IRJ+12, MSM+16, SWU+15, WN10, Zak10, BRWA14, Hos12, RFB14, TTD+11, TGZ17, VVJB10, WHH+17, TRE+13].
high-dimensional
[TGZ17]. high-level
High-Performance

Improved

HTML

Hybris

hypervisor

IaaS

identification

immutability

immutable

implies

implicit

implement

Interactive

Interpreted

interpreters

Interprocedural

Interpreting

Inflow

Informa

Information

Information-flow

Inheritance

Initial

Integrating

Integration-Based

interpreters

Interpreting

Interprocedural

Interpreting

Introduction

Introductory

Introducing

Investigation

in-depth

in-place

incremental

Independent

inferring

InfinitiBand

Inflow

Informa

Interactive
Involvement [ZMM+16]. IP [TKL+15].


Java [Bro12, HWM11, HTW14, Sch13, VK12, AO11, KvGS+14, PQTGS17, SAdB+16, ASdMGM14, AST12, AFGG11, AYZI10, AS14, AAB+10, AIt12, Amel13, AdCGGH16, AT16, And14, ABMV12, AGRI12, AGR17, ABCRI10, AD13, ABFM12, AK13, BK12, BH17, BMRI14, BH12, BD10, BVGVEA10, BVEAGV10, BVGVEA11a, BVGVEAFG11, BVGVEA11b, BVGVEA13, BVGV14a, BVGV14b, BS12, BMDK15, BO11, BO12, BO13, BCR11, BDGS13, BCD13, BD17, BRGG12, BldvS17, BRI2, BR15, BB12, BNP11, BW12, BA12, BZD17, BSG12, BMOG12, BA17, BJJK12, CIAD13, CZ14, CMM17, CW13, CV14, CCFB15, CRJ+10, CSK17, CCH11, CJ17, CDG+17, CSSL16, CCA+12, CRAJ10, DJPL10, DDDF17, DLM10, DL+13, DVL13, DR10, DHS15, DJB16, DMS11, ECS15, EFK+13, ES14, EQT+10, EqS11, EABVG14, Eug13, EV13].

Java [ETTD12, ETR+15, FRG+17, FRG12, Fer13, FFF17, FALL+13, FHSR12, Fox17, FMS+11, GMPSI12, GvRN+11, GYB+11, GM12, GBS14, GD12, GBC12, GS11, GS12, Gon11, GMC+13, GT10, GJS+13, GJS+14, Gri17, GPT12, GK15, HL13, HD17, HDm17, Has12, HWM10, HWM13, HLM14, HA13, HM12, HTL10, HKVG14, HH13, HOKE14, HGCA11, Hor11, Hor12, HC13, HC10, HWLM11, HJ12, IHHN12, IN12, IF16, JC10, JEC+12, JQJ+16, JJJ17, Jen12, JB12, JYKS12, JT10, JH11, J+12, JMB12, JMO14, KHR11, KHM+11, KMLS15, KS13, KW10, KW11, KM10, KSR14, KSPK12, KS14, KF11, LTD+12, LMK16, LSMW16, LLL13, LT11, LT14, LZYP16, LYBB13a, LYBB13b, LYBB14, Log13, LMS+12, LO15, LPA13, LWC17, LS11, Lyo12, MKZ+14, MS13, MME+10, MLGA11, MDS+17, MCC17, MPM+15].

Java [MZC10, MHM10, MAH12, MB12, MCY+10, MSS10, MT14, MDHS10, NM10, NCS10, NS12, Nil12a, Nil12b, NG13, Oak14, OOK+10, OMK+10, OLA+13, OUY+13, OW16, OJ12, OCF114, PS11, PTML11, PML14, PTM114, PL12, PiL11, PBMH13, PPMH15, PMP+16, PQD12, PVH14, PTF+15, PS10, PDP+16, PSW11, Pfuf13, PKC+13, QLS17, RD15, RDCP12, RTE+13, RTET15, RR14, RS12, RHT13, R+13, RBL12, RAS16, RS112, Rey13, Rey12, RV11, RB15, RvB14, SS+14a, SE12, SRTR17, SS12, Sch14, Sch13, Sch10a, SPDPH10, SKRR11, Sch10b, SMMGD10, SZ10, Set13, SMSB11, SMS+12, SDM12, SW12, SGV12, SKBL11, SD16a, SJPS10, SLS+12, SS14, SPI10b, SMP10, SPR+10, SWB+15, SSB01, SSB14b, SPS17, SS+14, STS+13, SW12, TRTD11, TTD+11, TTD12, TRED+13, TLL11, TXW+10, TWHN12, TGZ17].

Java [TKL+15, UR15, UFM15, VSG17, VGRS16, VBDPM16, VBMP16, VGS14, VBAM10a, VBAM10b, VBMA11, WGF11, Wam11, WZiSOS17, WBM+10, WK12, WCB16, WN10, WRI+10, WH+13, WHIN11, WBA+11, WAB+11, WSW13, XHH12, XR13, Xue12, YP10, YKM17, YDFF15, ZlvdS17, Zatk12, ZP14, ZLCW14, ZL+12, XZL16, ZKB+16, ZWS15, ZPL+10, ZDS14, dCMNN12, dMRH12, eBH11, eHD12].

Java-Based [AFGG11, SLS+12, SWF12, CJ17, HOKE14, JMO14, KS13, KS14, MB12, MCY+10].
Java-compatible [ABCR10]. Java-like [BDGS13, BCD13, DJLP10, SZ10].
Java-to-HDL [OUY+13].
Java-to-JavaScript [LSWM16].
Java.util.Collections.sort [dGDrB+15].
Java/JSP [Sch10b]. JavaBean [MZC10a].
JavaCC [GN16]. JavaCOP [MME10].
JavAdaptor [PKC+13]. JavaFX [Top11].
JavaGI [WT10, WT11].
JavaScript [Ric14, ACS+14, AHK+15, AMWW15, BCF+14, BBP13, CEC11, CGJ+16, CBLFD+12, Cho14, CHJJ12, Dei10, Dei11, DocG+12, DFHF15, FM+11, FM13, FH16, FFBH17, FSC+13, FZ17, FOPZ14, GMS12, Guo17, HyG12, Hav11, HBS16, HLSK13, HHS13, HC11, KR12, KSW+14, KRR16, KT14, Ker15, KFBK+15, Kie10, KBL14, KARO12, Kri12, LSWM16, Ler10, LVG10, LPK14, Lia14, MTL15, MPS12, MGI17, MHL15, MRMV12, Mil3, MM12, NKH16, PLR14, PSR15, PDD17, PKO+15, Rau14, RLBV10, RGEV11, RHN+13, RW17, Ryu16, Sev12a, Sev12b, SDC+12, Sta10, Ste10, SFR+14, TT11, VM15, VB14b, Wal12, WX16, YW13, Zak10, KCD12, Mei14].
JAWS [PKO+15]. JBiInsTrace [CZ14].
JCloudScale [ZLHD15]. JCM [dCMNN12].
JCSI [ABFM12]. JCS [WB+10].
JDiffraction [PQTGS17].
JDMM [ZP14]. JEqualityGen [GF11].
JET [LT11]. JGRIM [MZC10b].
Jinn [LWH+10].
JIT [BBF+10, BB17, CMS+12, HWM14, IHWN12, JK13, NED+13, RSB+14, WKJ17, ZYJ+12]. JIT-based [BB17].
Jits [KRCH14]. JM [CR10].
JN [CDG+17].
Journey [Ryu16].
joy [FH11].
JP2 [SSB+14a].
JPC [CM17].
jQuery [AM14, PIR17].
JR [OW16].
JR-like [OW16].
JRE [CZ14].
JS [AHK+15].
Js_of_ocaml [VB14b]. JSART [MM12].
JSetL [RB15].
JSON [BB17].
JSormdb [Dei10].
JTabWb [FFF17].
JTRES [HTW14].
JTRES2011 [RHT13].
JTRES2013 [Fox17].
Juliet [BB12].
July [Bro12, KP15].
just [Sew12].
Just [DLR16, KHL+13, LMK16, MGI17, TTS+10].
Just-in-Time [DLR16, KHL+13, LMK16, MGI17, TTS+10].
JVM [AC16, AFG+11, CSS+16, Guy14, MS10, PVH14, R+13, SV15b, Sub11]. JVMs [BK14, ZY+12].
K-Java [BR15].
KJava [BR15].
key [HDK+11].
key-value [DFR13].
keynote [McK16].
KJS [PSR15].
note [LBF12].
known [DBJ16, Gra15, Han15].
Knowledge [KSP12, UMP10].
known [Han15].
Kraken [Ano14].

Lake [Hol12].
lambda [UFM15].

Language [DLPT14, GJS+13, GJS+14, JC10, KSPK12, MAHK16, Sev12b, SS13, ABCR10, CMM17, CSdL16, DAA13, EKR+12, Fee16, GSS+16, Hos12, HWW+15, KRCH14, LW+10, LE16, MDM17, SC16, SZ10, SNS+14, VB14a, WCG14, WH+17, ZWSS15, dCMM12].

Language-level [WCG14].

Languages [CSGT17, MMR+16, PTH14, YKM17, AGZ10, BCD13, CMS+12, EK+13, ER14, FMBH15, Han15, HBT12, HJS+10, KRR+14, MDS+10, NED+13, PUL016, OZ+16, Zha12].

LARD [WCG14].

Large [BA17, AST+16, CCFB15, MDS+17, MCY+15, PTF+15, WHIN11].

Large-Scale [BA17, MDS+17, MCY+15, PTF+15, WHIN11].

Larus [DD13].

Latency [MV16, ETR+15, JH11].

laws [DMS11].

Layer [SKR11].

layered [CRC+14].

lazy [TD15].

Leading [MS10].

leak [SS14, XR13].

Leaks [And14, RW17].

LeakSpot [RW17].

lean [BRGG12, SV15b].

Learn [RT14].

Learning [Pau14, RT14, CNS13, KC12].

learnt [GY16].

Legally [Sam12].

length [SMP10].

Less [BNE16].

Level [AC16, SWU+15, Hos12, IHWN12, KBL14, LW17, MGI17,
RFBJ14, TTD+11, VWJB10, WCG14.
Lexical [GN16]. Libraries [BK12, RDCP12, BIV13, CH14, EKR+12, PMTL14, TTD+11].
Locks [GGRSY17, JTO12, GGRSY14, GGRSY15]. Locking [FC11, NFV15]. Lock-free [SDM12]. Lock
[FC11, NM10, NFV15, UMP10]. Lock-free [FC11, NFV15]. Locking [GGRSY17, JTO12, GGRSY14, GGRSY15]. Locks [SPS17]. logging [CJ17]. logic [GMS12, SD16b]. loop [DD13, HW1+12].

m [MZC10b]. m-JGRIM [MZC10b]. M2M [Pau14]. Machine [LYBB14, Ame13, CBLFD12, KS13, KC12, SSMGD10, WGF11, WHV+13, BZD17, LYBB13a, LYBB13b, PTHH14, SS+14a, Sch13, Set13, SSMB11, SgV12, SSB01, SSB14b, UR15]. Machines [AGR12, GTS+15, JK13, KRCH14, NK10].
macros [DFHF15]. Magic [SP10b].
Mathematical [BW12]. MATLAB
[Akt12, FBH17, PMTL14, VF10, Has12]. MATLAB-like [PMTL14]. matrix
[HD17, TGZ17]. matters [DJB16]. Maxine [WHV+13]. ME [GM12, XHH12].
memoization [TPG15]. Memory [JYKS12, MSM+16, SS14, AHK+11, AHK+15, AGGZ10, BSMB16, CWW13, DLZ+13, DVL13, FC11, FF10, GYB+11, HBB+14, HB13, KHL+17, KCP+17, KB17, Loc13, MSM+10, Nil12b, OMK+10, RW17, SMS+12, SMN+12, SWB+15, SV15a, Tar11, TVD10, WGV+11, XR13, ZP14, ZHCB15].
MemSAT [TVD10]. Mergesort [LL15]. merging [TLX17]. Message
[FK11, ETTD12, TRTD11, TTD12, UR15]. message-passing [ETTD12, TRTD11, TTD12, UR15]. messages [eBH11]. meta [MD15, SZ10].
meta-circular [SZ10]. meta-compilation [MD15]. metadata [DVL13]. MetaFJig
[SZ10]. metaheuristics [DDDF17]. metaprogramming [PS11]. Method
[AC16, BVGV14F11, GD12, AST12, AJL16, HMDE12, SS16, VBMPD16].
Metriken [Sch13]. Microscopic [RXK+17].
Middleware
[RTE+13, HOKO14, HWLM11, MZC10b].
middleware [IF16, MT14]. midstream
[SSG+14]. Migrating [AST+16].
Migration [OwKPM15, Fee16].
Miniboxing [UTO13]. minimal [CNS13].
mine [DRN14]. Mint [WR1+10]. minute
[DHS15]. minutes [BTR+13].
 misconception [MCC17]. Mismatch
[YCYC12]. misses [IN12]. Missions
[WCB16]. Mitigating [KC12].
Migration [OwKPM15, Fee16].
Migration [OwKPM15, Fee16].
Multi-Core [RTE+13, MS10, TRTD11].
multi-cores [SKBL11]. multi-engine
[Tar11]. multi-language [Fee16, GSS+16].
multi-level [HWN12]. multi-processor
[Puf13]. multi-stage [WRI+10].
Multi-threaded [JTO12, DSEE13, SE12].
multi-version [FC11]. Multicore
[ASV+16, CCH11, MKG+17, SE12].
[ZKB+16]. Multiple
[AF12, ASF17, HLSK13, CSV15, DD13].
multiplexing [BVGVEAFG11].
Multiprocessing [VGS14].
multiprocessor [PS10, PWA13, SPS17].
multiprocessors [KW11, RS12].
Multi-threaded
[KKW14, SR14a, BNS12, DJLP10, Fer13].
Multithreading [CCH11]. multivariate
[AÖ11]. MuscalietJS [RCR+14].
Mutagenic [YCYC12]. mutators
[AHK+11].
Names [SRTR17]. Native
[JQJ+16, LT11, LT14, KFBK+15, STS+13].
Natural [LL15]. naturalness [HBG+16].
NDetermin [BENS12]. nested
[CHM16, ZLB+13]. Netflix [Lin14].
network [GGC18, RR14]. Networking
[Hol12]. Networks [AGGG11, ETR+15].
neuromorphic [HNTL12]. next [CRJ+10].
No [BVGVEA10]. No-Heap [BVGVEA10].
NoCs [PWA13]. Node [HC11, BJBK12].
Node.js [BSMB16, MTL15, Ano14]. nodes
[DRN14]. Nominal [BO13]. Non
[BVGVEA11b, BSOG12, GGG+15, YKM17].
MOC10a, OMK+10, ZP14]. Non-Adequate
[GGG+15]. non-cache-coherent [ZP14].
Non-functional [BVGVEA11b].
non-intrusively [MZC10a]. Non-Java
[YKM17, OMK+10]. Non-termination
[BSOG12]. Nonblocking [RTET15, SP10a].
Nondeterministic [RB15, BENS12].
noninterference [IF16]. NoSQL [DFR13].
Notation [Sev12a]. Novel
[NK10, MZC10b]. November [Hol12].
Novice [BA17]. Novices [RT14].
null [AT16]. NullPointerExceptions [BSOG12].
NUMA [GTS+15]. NumaGic [GTS+15].
number [PPMH15, SLF14].
Numerical [Jaf13, AJL16, Wal12].
[KS15, KFBK+15, PQTGS17].
NXT [SWF12].

Obfuscated [KCD12]. obfuscation
[CCFB15]. obfuscations [CSK17].
Object [CSGT17, GS11, NWB+15, PTHH14].
PiLCH11, Sev12a, SW12, AST+16, BZD17,
DDDF17, FMBH15, IvdS16, MME14,
MHBO13, RDF15, UJR14, VM10, WM10,
ZCdSovdS15, Zha12, ZDS14, hEYJD12.
Object-Bounded [NWB+15].
object-constraint [FMBH15].
Object-Oriented
[GS11, PTHH14, AST+16, DDDDF17,
MHBO13, VM10, ZDS14, hEYJD12].
Objective [Sta10]. Objective-C [Sta10].

Objects
[BS12, 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, VGRS16].
Open-Source [BSA14]. OpenJDK
[CHM16, dGrdB+15]. OpenMP [VGS14].
OpenMP-like [VGS14]. operating
[HDK+11]. operation [KKW11].
operations [TABS12, TGZ17]. Operator
[PQD12]. opportunities [TPG15].
Optimal [AD16, SK12, ELW15]. optimale
[Sch13]. optimisation [PPS16]. optimistic
[WGF11].
Optimization
[LTD+12, YKM17, AFG+11, BDB11,
DDDF17, JMO14, KS13, KC12, NG12].

Optimizations [DR10, BB17, CPST15,
DS16, NG13, SAdB+16]. Optimizing
[SV15b, YRHL13, HWW+15, KRH16,
MD15, ZLBF14]. optional [CMS+12].
Oracle [LMS+12, Sam12]. ORB [OUY+13].
Order [SGD15, JhED11, KT15, TD15],
ordering [KC12]. Orders [BNE16].
on-demand [MZC10a]. O’Reilly [Bro12].
Oriented [ABMV12, GS11, AST+16,
DDDF17, EABVG14, MHBO13, PTHH14,
RVP11, VM10, VAMB10b, WBA+11,
ZDS14, hEYJD12]. OSeq [HKD+11]. OSGi
[BVGVEA13]. OSS [ZMM+16]. other
[KS13]. out-of-order [JhED11]. output
[KM10]. Over-exposed [VBDM16].
overhead [BCR13, ZHCB15, ZFK+16].
Overloading [PQD12]. overview [Nil12b].
own [MPP+15]. Ownership
[ZPL+10, BDGS13, DDM11].

PaaS [ZLHD15]. Package
[SLS+12, CRAT+12, MB12, OW16, AK13].
Packages [PiLCH11]. Paper
[DDDF17, PDPM+16, SV15a]. Papers
[DVL13, HL13, LMK16, Pu13]. Parallel
[DS16, Esq11, LLL13, MKG+17, NKh16,
QSaS+16, RD15, RSI12, BP10, BBP13,
BMB16, CRP+10, NG12, NG13, PPMH15,
Se10, SZ11, TTD12, Taf13, VYY10, WN10].
Parallelisation [GS11]. Parallelism
[NKh16, BENS12, HHS13, MZC10a,
RHSD15, TWL12, ZL8+13].
parallelization [SS16, YRHL13].
parallelize [LPA13]. Parallelizing
[NKh16, hEYJD12]. parameters [GBS14].
Parametric [AGZ10, PUL016, UTO13].
Part [KP15]. ParTejas [MKG+17]. Partial
[CSK17, JB12, SGD15, BS13, MD15, TD15,
WGF11, WWH+17]. Partial-Order
[SGD15, TD15]. Partially [BLH12, BCR11].
Partitioning [AD16, BS12]. party
[FOPZ14, LG10]. passing
[ETTD12, TRTD11, TTD12, UR15]. Path
[SGD15, DD13, HHS13, SMP10].
phoneME [RDCP12]. Phosphor [BK14].
Platform [AFGG11, PE11, BD17, CRJ+10, GMC+13, MKZ+14, PWA13, YP10]. Platforms [DR10, Has12, BP10, JMO14, KSR14].
Processor [TKL+15, PfU13, SPPH10, SM+12]. Processors [ASV+16, MKG+17].
producers [DAA13]. product [BTR+13, KATS12, KvRHA14, SV17].
profilers [MDHS10]. profiling [DS13, JH11, KRH16, NK10, RCB17, SB+14a, STY+14, TH+14, XR13, ZBB15].
Program [KKW14, RVK15, RT14, ZKB+16, AO11, DS16, GMS12, HC14, JIL17, JWMC15, KM10, KMN16, MKZ+14, NS13, Sch10a, SPY+16, TABS12, WGF11, ZMG+14].
Programmable [OA17, AZ10].
Programmers [EAB17, RAG14].
Programming
[AFGG11, ABMV12, BCR11, Bro12, BA17, DLPT14, HWM11, HGCA11, Köbl0, KSKP12, LM15, McK16, PTML11, RSI12, RB15, SS13, Sub11, Alt12, AMW15, BCvC13, BMR14, BSMB16, BRWA14, CL17, ECG12, EV13, FMHB15, Han15, HA13, Hav13, LSHM10, OW16, PFT15, RVP11, RFBJ14, SNS14, SGG17, TB14, UFM15, VV10, VBAM10b, Wam11, WRI10, WBA11, ZWSS15].

Programs
[AGR12, BH17, BR12, BMOG12, GS11, JB12, LTD12, SS12, SDM12, ZLCW14, ASdMGM14, AdCGGH16, BA12, BNS12, DJLP10, ECS15, ES14, EP14, FSH13, HL13, IN12, LO15, LPA13, MRMV12, NG12, OJ12, PI12, RR14, RAS16, RLV10, SMS12, SZ11, SJS10, SHU16, Ta13, YS10, dCMMN12, hEYJD12].

progress
[ZHCB15].

Project
[Wan11].

Projects
[ZMM16, CJ17].

Projekte
[Ric14].

Prolog
[CMM17, Tar11].

proof
[L15].

Proof
[LL15].

Proofs
[BM10, BS12, FWDL15, SD16b, YS10].

Proofing
[OW16].

proving
[AGH17, Ta13].

Proxies
[VM10, Eud13, KT14].

PSE
[KS15].

pseudorandom
[PPMH15, SLF14].

pure
[SS16].

Purely
[RSI12, NFV15].

Purely-Declarative
[RSI12].

purely-functional
[NF15].

purity
[HMDE12].

Python
[Ric14].

R
[KMMV14, NL14, SLS12, Vit14].

Race
[EP14, RD15, EQ10, HBB14].

race-aware
[EQT10].

racy
[SRJ15].

Range
[BS12].

Racket
[YK14].

red
[SA14].

Red 
[G14].

Reduction
[BO12, TD15].

redundant
[HLO15].

Refactoring
[AS14, ZHL12, FMM11, FM13].

Reference
[Sch14, UJR14, HMDE12].

refinement
[GY16, JLP14, KSW14, ZMG14, ZFK16].

Reflexes
[PP10].

regions
[AC10].

register
[YZ12].


rename [HC10, MME14]. [LPGK14]. retrofitting [BVGVEA10, BVGV14a, BJBK12, GSD+C15, BVGVEAFG11].


Runtime [BLH12, MAHK16, MSS10, NWB+C15, OCFL14, XMA+C14, BRGG12, EQT+C10, GTL+C10, GSS+C14, LMK16, MS10, OOK+C10, PKC+C13, RO12, STY+C14, TWS10, VBAM10a, YRHBL13, dCMMN12].

routines [BM14, CSV15, RCR+C14, WHH+C17].

Safe [Eug13, GvRN+C11, JTO12, MPS12, RSF+C15, SWB+C15, WAB+C11, HJS+C10, HAW13, KHR11, KMLS15, KCP+C17, Loc13, RDP16, WWS13]. Safety [RS12, WCB16, ZLCW14, AGR17, GMC+C13, Nil12b, PG12, SD16b, Ta13, YS10, CWW13, HL13, LWC17, WK12].

Safety-Critical [WCB16, ZLCW14, RS12, AGR17, CWW13, LWC17]. Salespoint [ZDS+C14]. Salt [Hol12].

SAM [BO13]. San [KP15]. Same [MPS12]. Satin [VWJB10]. SAW [CFH+C13].

Scaffolding [RT14]. Scala [SM+C12, AT16, Hin13, Lew13, PTML11, SMS11, SMS+C12]. Scala-Based [PTML11]. Scala.js [DS16].

Scalability [CCH11, AAB+C10, DSEE13, GTSS11].

Scalable [BS12, DFR13, GGRSY17, HC11, JQ+C16, RXK+C17, RTE+C13, XMA+C14, ETTP12, FC11, GGRSY15, NFV15, PIR17, RTET15, TTD12].

ScalaLab [PTML11, PMTL14]. scalar [PQTG17].

Scale [BA17, PE11, DHS15, LO15, MDS+C17, MCY+C10, PTF+C15, WHIN11].

Scel [DLPT14]. scenarios [AMWW15, Sch13].

Scheduler [QS+S+C16, IF16, TWL12].

scheduler-independent [IF16].

Scheduling [ASV+C16, BVEAGVA10, KPHV11, EP14, EABVGV14, ZW10]. scheme [XHH12].

Schismic [PZ+C10].


Scorm [HC10]. Scrap [ZCDS0vdS15].

Script [MSSK16]. Scripting [CSGT17, KKK+C17, HBT12, KRR+C14].
specifications [BENS12, TVD10]. specified [BCR11]. Specifying [BNS12, HL13].
Speculation [AC16, MG17]. speculative [BB17, YRHL13]. speed
[HIRS+17, SBF+10, UTO13]. SPIN
[AS4MGM14]. 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 [TWNH12]. StarL
[LM15]. State [AGR12, BLH12, MvDL12, MS14, GN16, YP10]. state-
[YP10]. statecharts [MS13]. statement
[PLR14, ZWSS15]. statements [PLR14].
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