

A Bibliography of Publications about the *Java Programming Language*, 2020–2029

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
E-mail: beebe@math.utah.edu, beebe@acm.org,
beebe@computer.org (Internet)
WWW URL: <https://www.math.utah.edu/~beebe/>

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Abstract

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

8 [FRD20, KTB20].

abnormality [AAYK20]. **Abstraction** [DB23, MV20]. **Access** [LMC24]. **according** [ORPPG20]. **adaptable** [HLZ⁺21]. **Adaptive** [Jug24, TKMS25]. **adaptivity** [CBPC23]. **Addiction** [FLR23]. **Adjustment** [TKMS25]. **Adoption** [TAV20, FBV22]. **Affect** [WWW⁺22, GGF⁺24]. **affected** [MNT20]. **Age** [FA25]. **ahead** [MV20]. **ahead-of-time** [MV20]. **aide** [CA20]. **Algorithm** [Jug24, FRD20, Tol24]. **Algorithms** [MKNS20, Nig22, GCC20, NGB23]. **Alternative** [Jug24]. **alternatives** [BKP⁺22]. **Amplified** [BKWZ24]. **Analysis** [ACC24, HLX23, KGZS24, KTSS20, LTL⁺24, SV22, TSBB20, AAYK20, ACSK23, DD20, FHSQ20, FCS20, HLZ⁺21, HSF⁺22, LKK24, LH22, MSDP23]. **Analytic** [NOEAE25].

Title word cross-reference

² [GZ24]. **K** [Nig22].

-KG [GZ24]. **-Means** [Nig22].

10-year [BPLFRL20]. **1051** [Tol24].

2019 [APA⁺20]. **2022** [SNA⁺23]. **2024** [For24].

3.0 [BM23].

Analytics [BBB⁺20, JQZ20]. **analyzing** [MSB23]. **Android** [MM22]. **Annotations** [YBSM21, GGF⁺24, PVR⁺20]. **ant** [GCC20]. **Antipatterns** [TPBF23]. **API** [AXR⁺23, FSZD20, KMSH22, NFH22, ZKX⁺23, ZFC⁺24, ZWY⁺20]. **APIs** [AST23, BLS⁺23]. **application** [AAYK20, HSVMB20]. **Applications** [ACC24, KZWS25, LMC24, MM22, PBC24, RW20, TSBB20, TPBF23, ZBA23, CCRS23, CPV⁺20, JGSG⁺21, KAR23, SS23a, TAM⁺22]. **Approach** [TSBB20, SAC21, MSDP23]. **Architectural** [GSGM24, BCOC24]. **architectures** [PNM⁺20]. **Areas** [BM23]. **Arithmetic** [Dar21]. **ARJA** [YB20]. **ARM** [HZN⁺22]. **Art** [BM23]. **Assessment** [MNS⁺23, TCDT23]. **Attacks** [PBC24]. **attributes** [CAC20]. **Automated** [CHLV25, MCF⁺22, TPBF23, XWY⁺24, YB20, ZXZ⁺24, AAYK23, KTB20, ZFC⁺24]. **Automatic** [GSGM24, KYAY24, KMSH22, MT23, SS23a, SVTTB23, ZKX⁺23, ZWY⁺20]. **Automatically** [AST23, ATJ⁺24]. **Awardee** [For24]. **Aware** [HTA24, XWJ⁺24]. **AWS** [Ano20].

Babel [NHF24]. **Bad** [FLR23]. **band** [DAAZ⁺20]. **Based** [BM23, CHLV25, LYA24, SVDHB23, TKMS25, TPBF23, ZZF⁺24, ASD⁺23, Agu23, CAC20, CA20, CBPC23, DD20, FHSQ20, FHZ⁺22, FYL⁺23, FCS20, HLX23, LFHX23, MSDP23, PBC24, ZXX23]. **Baseline** [CHLV25]. **Basilisk** [BCOC24]. **Behavior** [TMB24, FYL⁺23]. **behavior-based** [FYL⁺23]. **Behaviors** [HLR24]. **BejaGNN** [FYL⁺23]. **Benchmarking** [ZLL⁺25]. **Benchmarks** [AXR⁺23]. **Better** [ZXX23]. **Beyond** [Ram22, XWY⁺24]. **Bill** [BBB⁺23]. **bindings** [AS23]. **BLAS** [FSZD20]. **BLASFEFO** [FSZD20]. **Blindspots** [BLS⁺23]. **Block** [HTA24]. **bounded** [CK21]. **Breaking** [FLR23, MNT20]. **broken** [HFS22]. **Bug** [ACSK23, AST23, KYAY24]. **Bugs** [LMC24, WFW25]. **Build** [DBP22, MAL24]. **Bytecode** [HHCZ25, SVDHB23, FCS20].

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D [BAP20]. **Darcy** [GSGM24]. **Data** [MKNS20, SV22]. **Database** [LMC24]. **dataflow** [SS23a]. **dataset** [KAR23]. **Dead** [MNS⁺23, CCRS23]. **Debloating** [HLX23, SVDHB23, TAM⁺22]. **Debt** [ZBA23]. **Debugger** [PBC24]. **Debugger-based** [PBC24]. **debugging** [PBC24, SIK⁺21]. **decision** [MSDP23]. **Declarative** [C⁺23, NPZ⁺20]. **decompilation** [HSVMB20]. **decompiler** [HSVMB20]. **default** [LMM21]. **defeat** [BCOC24]. **Defect** [NXL⁺22]. **Defects** [TZL⁺25, ZWY⁺20, GCS⁺20]. **definitions** [THG20]. **Density** [WFD23]. **Dependencies** [SVTTB23]. **Dependency** [JCA⁺22, WWW⁺22]. **dependent** [CFLH⁺22]. **Deprecation** [NFH22]. **depth** [SBBL23]. **Deserialization** [SBBL23]. **design** [BKP⁺22, PNM⁺20]. **desktop** [CCRS23]. **despite** [HFS22]. **Detecting** [FHSQ20, MNT20, TZL⁺25]. **Detection** [AXR⁺23, AKAS22, TPBF23, ZKX⁺23, ZFC⁺24, ZWY⁺20, AAYK23, ACSK23, CWQZ25, FHZ⁺22, FYL⁺23, HLZ⁺21,

HSF⁺22, LFHX23, NBA⁺21]. **Developer** [CCH⁺22, Her21, BPLFRL20]. **Developers** [BKWZ24, MM22, SPS⁺24, CAC20]. **development** [BCOC24]. **diagrams** [SS23a]. **Did** [MM22]. **differ** [API⁺22]. **Different** [SV22]. **diffusion** [MCM24]. **directed** [FRD20]. **Directive** [ZWY⁺20]. **Diverse** [KYAY24]. **diversity** [HSVMB20, MLBD21]. **do** [API⁺22, GGF⁺24]. **Docker** [ZMD21]. **Documentation** [ZWY⁺20]. **Does** [ZFC⁺24]. **doing** [Cob22]. **dragons** [BCOC24]. **Driven** [AST23]. **DSL** [CBPC23]. **DSL-based** [CBPC23]. **duplex** [DAAZ⁺20]. **Dynamic** [KTSS20, PKB23, TKMS25, TAM⁺22]. **Dynamically** [NOEAE25]. **ecosystem** [CMBDP25, MPW⁺21]. **Educational** [TKMS25]. **effect** [CAC20]. **Effective** [FDD20, TSBB20, LFHX23, TCDT23]. **Effects** [SGG⁺24]. **efficiency** [LKK24]. **Efficient** [SS23b, FDD20, ZZ20]. **Elements** [FLR23, NOEAE25]. **Eliminating** [MV20]. **Elimination** [CCH⁺22, MNS⁺23]. **Empirical** [ACC24, AAYK20, CASA22, HLR24, LMC24, MNS⁺23, XWY⁺24, HR20, PVR⁺20, THG20, WFW25]. **employer** [Ano20]. **end** [FBV22]. **Enforcing** [KZWS25]. **engine** [PKB23]. **Engineering** [GZ24]. **engines** [XWJ⁺24]. **Enhancing** [CWQZ25]. **Entering** [BM23]. **Environment** [SV22, DAAZ⁺20]. **Erroneous** [HLR24]. **Error** [TZL⁺25]. **Errors** [vO23]. **ESLint** [TAV20]. **Evaluating** [KYAY24, KMSH22, LYA24]. **Evaluation** [AXR⁺23, BKP⁺22, ACSK23, NGB23, PVR⁺20]. **Event** [AST23, DB23]. **Event-Driven** [AST23]. **Every** [Dar21, Her21]. **Evolution** [YBSM21, BPLFRL20, CCRS23]. **exception** [CGC⁺24]. **Execution** [SBBL23, Gór24, NPZ⁺20, PJJM21, SIK⁺21].

expertise [ORPPG20]. **eXPloitation** [NBA⁺21]. **Exploits** [SBBL23]. **Exploration** [TZL⁺25]. **exploratory** [CCRS23]. **expression** [Agu23]. **extended** [NGB23]. **extensible** [KAR23]. **extensive** [ACSK23]. **extraction** [HLZ⁺21, PJJM21, SS23a]. **extractions** [HR20]. **extractor** [Agu23].

fast [LH22]. **fault** [AAYK20]. **fault-prone** [AAYK20]. **Featherweight** [GHK⁺20]. **feature** [HLZ⁺21, LFHX23]. **Features** [NHF24]. **FeynGame** [HKL20]. **Filtering** [Tol24]. **Finding** [AST23]. **Fine** [NB23]. **Fine-grained** [NB23]. **Finite** [PJJM21]. **Finite-state** [PJJM21]. **First** [KZWS25, WBE20]. **Fix** [FHB24]. **Flaky** [FHB24, SGG⁺24]. **FlakyFix** [FHB24]. **Flexible** [Tol24]. **Floating** [Dar21, ASD⁺23]. **Floating-Point** [Dar21, ASD⁺23]. **flow** [Ram22]. **Fly** [PWSG25]. **Forecasting** [ZBA23]. **Formatting** [LFBM23]. **formulas** [MLBD21]. **Framework** [MAL24, NB23, WKJ⁺23, CBPC23, CPV⁺20, GCC20]. **frameworks** [FBV22]. **frequency** [MLBD21]. **Friendly** [WLC⁺24]. **front** [FBV22]. **front-end** [FBV22]. **full** [DAAZ⁺20]. **full-duplex** [DAAZ⁺20]. **Functional** [WFD23, MCF⁺22, Ram22]. **Functions** [YAP23, CFLH⁺22]. **Fuzzing** [XWJ⁺24]. **Fuzzy** [TKMS25].

Game [MT21]. **General** [KYAY24]. **Generalisation** [PWSG25]. **generate** [FRD20]. **Generated** [TMB24]. **Generating** [ATJ⁺24, KGZS24, ZZYD24]. **Generation** [FA25, HHCZ25, XWY⁺24, ZZF⁺24, GóR24]. **generators** [NPZ⁺20]. **Generic** [LTL⁺24]. **Generics** [LTL⁺24]. **Generics-Guided** [LTL⁺24]. **Genetic** [ATJ⁺24, YB20]. **GenMorph** [ATJ⁺24]. **GenProgJS** [CHLV25]. **Git** [HHK20]. **GitHub** [GMBv20]. **GMP** [AS23]. **Go** [Fei22, GHK⁺20]. **Goal** [ZZF⁺24]. **Google** [Fei22]. **grained** [NB23]. **Graph** [GZ24, MKNS20, FHZ⁺22, FYL⁺23, KPK23]. **graphical** [CPV⁺20]. **Groovy** [Kin20]. **Guided** [LTL⁺24, MCF⁺22].

handling [CGC⁺24]. **HBSniff** [HSF⁺22]. **heap** [PNM⁺20]. **Heterogeneous** [ORPPG20, BDGZ23]. **Hibernate** [HSF⁺22]. **High** [SS23b]. **High-Level** [SS23b]. **Highlighting** [PWSG25]. **Highly** [HFS22, AAYK23]. **History** [HTA24, Hic20, Kin20]. **Hosted** [GMBv20]. **Hub** [ZMD21]. **hundreds** [MPW⁺21]. **Hybrid** [TSBB20].

IBFD [DAAZ⁺20]. **Identification** [MNS⁺23]. **Identifying** [MSB23]. **Idiomatic** [ZXZ⁺24]. **Idioms** [ZXZ⁺24]. **IFDS** [HLX23]. **IFDS-based** [HLX23]. **illogical** [HFS22]. **images** [ZMD21]. **Impact** [YBSM21]. **imperative** [MCF⁺22, NPZ⁺20]. **implementation** [NGB23, PNM⁺20]. **implementations** [CGC⁺24]. **Improving** [HHCZ25]. **in-band** [DAAZ⁺20]. **In-depth** [SBBL23]. **Inconsistency** [GSGM24]. **incremental** [LH22]. **Independent** [KTSS20, WHP⁺23, BCOC24, JGSG⁺21]. **index** [JQZ20]. **Information** [DB23, HHCZ25]. **inheritance** [BBG⁺22]. **Injection** [TSBB20, NBA⁺21]. **Insights** [SPS⁺24]. **Integrated** [TSBB20]. **integration** [THG20]. **intelligent** [KTB20]. **Intensional** [C⁺23]. **interactions** [BPLFRL20]. **Interface** [MT21, CPV⁺20]. **Interfaces** [TKMS25]. **Internet** [JGSG⁺21, DAAZ⁺20]. **Interoperations** [HLR24]. **Interpreter** [ZXX23]. **Interview** [For24]. **Invariants** [KZWS25]. **Investigation** [TOO⁺23]. **Isula** [GCC20].

JAVA [WFD23, ASD⁺23, AXR⁺23, Agu23],

API⁺22, AAYK20, AAYK23, ACSK23, AS23, Ano20, APA⁺20, BBG⁺22, BBB⁺23, BDGZ23, BKP⁺22, BPLFRL20, BWTS⁺23, BLS⁺23, CCRS23, CAC20, CA20, CBPC23, CGC⁺24, CK21, CPV⁺20, CMBDP25, C⁺23, DD20, DAAZ⁺20, Dar21, Fei22, FRD20, FYL⁺23, FCS20, FDD20, GCC20, GCS⁺20, GMBv20, GSGM24, GóR24, GGF⁺24, HSVMB20, Her21, HHK20, HR20, HCL22, HSF⁺22, KGZS24, KAR23, KTB20, KPK23, LKK24, LFBM23, LH22, LMC24, MBGG⁺24, MM22, MCM24, MKNS20, MT23, MAL24, MV20, MLBD21, MSB23, MT21, Nig22, NGB23, ORPPG20, PJJM21, PNM⁺20, PVR⁺20, PBC24, RBRB23, SBBL23, SS23a, SGHM23, SNA⁺23, SIK⁺21, SS23b, SVTTB23, SVDHB23, SAC21, TCDT23, THG20, TPBF23, WKJ⁺23, WHP⁺23, WLC⁺24, YAP23, YBSM21, YB20, ZKX⁺23, ZZYD24, ZLL⁺25, ZWY⁺20, ZZ20, vO23]. **Java-Based** [TPBF23]. **Java-like** [BDGZ23]. **Java-type** [FDD20]. **Java/PCJ** [NGB23]. **JavaFX** [RK20]. **JavaScript** [AKAS22, AST23, CCH⁺22, CWQZ25, CASA22, CHLV25, FHSQ20, FHZ⁺22, FBV22, FLR23, HLZ⁺21, JCA⁺22, JGSG⁺21, KTSS20, LFHX23, MSDP23, MNS⁺23, MNT20, MPW⁺21, NFH22, NB23, NXL⁺22, NHF24, NBA⁺21, PKB23, TAV20, TOO⁺23, TAM⁺22, WBE20, XWJ⁺24, ZBA23, ZMD21]. **JavaSim** [DAAZ⁺20]. **JavaSim-IBFD-CRNs** [DAAZ⁺20]. **JEMMA** [KAR23]. **JGMP** [AS23]. **JGNN** [KPK23]. **JGraphT** [MKNS20]. **JNI** [HLR24]. **JPF** [BA23, WKJ⁺23]. **jpf-logic** [WKJ⁺23]. **JS** [NB23]. **JSAnalyzer** [CCH⁺22]. **JSContana** [HLZ⁺21]. **JSetL** [C⁺23]. **JSON** [JQZ20]. **JStrong** [FHZ⁺22]. **Juliet** [ACSK23]. **Just** [HZN⁺22, NXL⁺22]. **Just-In-Time** [HZN⁺22, NXL⁺22]. **JVM** [BM23]. **JVM-Based** [BM23]. **JVMs** [HLR24]. **Kalman** [Tol24]. **kernel** [DD20]. **Key** [BBB⁺20, HLZ⁺21, ASD⁺23]. **KG** [GZ24]. **Kirk** [HFS22]. **KiWi** [BBB⁺20]. **knight** [BCOC24]. **Know** [Dar21, Her21]. **Knowledge** [GZ24]. **Kotlin** [MM22]. **label** [ORPPG20]. **Landscape** [NFH22]. **Language** [BWTS⁺23, FHB24, Fei22, KGZS24, KYAY24, XWY⁺24, BCOC24, BAP20, Kin20, WFW25]. **Languages** [LMM21]. **Large** [FHB24, KYAY24, MAL24, RBRB23, XWY⁺24, HFS22, HR20, MSB23]. **Large-Scale** [MAL24, RBRB23]. **leak** [GCS⁺20]. **Learn** [Fei22]. **Learned** [RK20]. **Learning** [AST23, TKMS25, SAC21]. **Learning-Based** [TKMS25]. **Lessons** [RK20]. **Level** [SS23b, ORPPG20]. **leveraging** [FCS20]. **Lexical** [CA20]. **Libraries** [BM23, ZFC⁺24, HCL22]. **Library** [MKNS20, NOEAE25, AS23, CK21, LKK24, MNT20]. **licensing** [MPW⁺21]. **light** [Agu23]. **Like** [BKWZ24, BDGZ23]. **limited** [SIK⁺21]. **Linters** [TAV20, HFS22]. **Listen** [AST23]. **lists** [Ano20]. **LLMs** [FA25]. **Local** [KZWS25, AAYK20]. **Local-First** [KZWS25]. **locations** [MNT20]. **Logic** [WKJ⁺23, WKJ⁺23]. **Look** [HZN⁺22, vO23]. **machine** [CGC⁺24, SAC21, DD20, PNM⁺20]. **Maintainability** [MSB23]. **Malicious** [AKAS22, FHZ⁺22, HLZ⁺21, CWQZ25, FHSQ20]. **malware** [FYL⁺23]. **many** [HFS22]. **Map** [BBB⁺20]. **mapping** [HSF⁺22]. **Martin** [For24]. **Materials** [BBB⁺23]. **mathematical** [MLBD21]. **Matrices** [FSZD20]. **Means** [Nig22]. **Measurements** [NB23]. **mechanisms** [HHK20]. **Memory** [GCS⁺20, NB23, vO23, PNM⁺20]. **Merge** [GMBv20, LFBM23, SGHM23]. **Message** [XWY⁺24]. **meta** [HSVMB20]. **meta-decompilation** [HSVMB20]. **Metamorphic** [ATJ⁺24]. **Metaverse**

- [BM23]. **method**
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object-relational [HSF⁺22].
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 [FSZD20]. **Ordinal** [MSDP23]. **oriented**
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Overlay [NOEAE25].
package [Gór24]. **Packages**
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 [CCH⁺22]. **pairing** [ZZYD24]. **pairs**
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 [Ram22]. **Performance**
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 ZXX23, ZLL⁺25, TCDT23]. **Persistence**
 [Cob22, PNM⁺20]. **persistent** [PNM⁺20].
pipelines [MV20]. **Plain** [SS23b]. **Platform**
 [JGSG⁺21, KTSS20, BCOC24, CPV⁺20].
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 [KTSS20, JGSG⁺21]. **Point**
 [Dar21, ASD⁺23]. **Pointer**
 [HLX23, LTL⁺24, LH22]. **Polyrun** [CK21].
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