

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

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Abstract

8 [FRD20, KTB20].

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

Title word cross-reference

K [Nig22].

-Means [Nig22].

10-year [BPLFRL20].

2019 [APA+20].

3.0 [BM23].

abnormality [AAYK20]. **Abstraction** [DB23, MV20]. **according** [ORPPG20]. **adaptable** [HLZ+21]. **adaptivity** [CBPC23]. **Addiction** [FLR23]. **Adoption** [TAV20, FBV22]. **Affect** [WWW+22]. **affected** [MNT20]. **ahead** [MV20]. **ahead-of-time** [MV20]. **aide** [CA20]. **algorithm** [FRD20]. **Algorithms** [MKNS20, Nig22, GCC20, NGB23]. **alternatives** [BKP+22]. **Analysis** [HLX23, KTSS20, SV22, TSBB20, AAYK20, ACSI23, DD20, FHSQ20, FCS20, HLZ+21, HSF+22, LH22, MSDP23]. **Analytics** [BBB+20, JQZ20]. **analyzing** [MSB23]. **Android** [MM22]. **Annotations** [YBSM21, PVR+20]. **ant** [GCC20].

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Bad [FLR23]. **band** [DAAZ⁺20]. **Based** [BM23, SVDHB23, TPBF23, ASD⁺23, Agu23, CAC20, CA20, CBPC23, DD20, FHSQ20, FHZ⁺22, FYL⁺23, FCS20, HLX23, LFHX23, MSDP23, ZXX23]. **behavior** [FYL⁺23]. **behavior-based** [FYL⁺23]. **BejaGNN** [FYL⁺23]. **Benchmarks** [AXR⁺23]. **Better** [ZXX23]. **Beyond** [Ram22]. **bindings** [AS23]. **BLAS** [FSZD20]. **BLASFEO** [FSZD20]. **Blindspots** [BLS⁺23]. **bounded** [CK21]. **Breaking** [FLR23, MNT20]. **broken** [HFS22]. **Bug** [ACSK23, AST23]. **Build** [DBP22]. **Bytecode** [SVDHB23, FCS20].

C [PVR⁺20]. **calculus** [BDGZ23]. **Call** [HZN⁺22, ZZ20]. **Call-Site** [HZN⁺22]. **Capabilities** [KMSH22]. **Careers** [Ano20]. **Case** [TAV20]. **Challenges** [BM23]. **Changes** [WHP⁺23, MNT20]. **Characteristics** [HR20, MSB23]. **Characterization** [SGHM23, RBRB23]. **Characterizing** [HCL22, YBSM21]. **checker** [BBG⁺22]. **CIL** [FCS20]. **classes** [SAC21]. **classification** [ORPPG20].

Closure [Hic20]. **Closer** [HZN⁺22]. **Cloud** [SV22, NGB23]. **Code** [AKAS22, BLS⁺23, HZN⁺22, MNS⁺23, MT23, SBBL23, ZBA23, ACSR23, FHSQ20, FHZ⁺22, HSF⁺22, MCF⁺22, MLBD21, PKB23, PVR⁺20, TOO⁺23]. **coeffacts** [BDGZ23]. **cognitive** [DAAZ⁺20]. **colony** [GCC20]. **Combining** [ASD⁺23]. **Comment** [WHP⁺23]. **Commenting** [WHP⁺23]. **Comments** [WHP⁺23]. **community** [BPLFRL20]. **Comparative** [SV22]. **Compilation** [HZN⁺22]. **compound** [AAYK23]. **compression** [PKB23]. **Concurrency** [LMM21]. **Conflicts** [GMBv20, SGHM23, WWW⁺22, DBP22]. **confusing** [AAYK23, TOO⁺23]. **Consistency** [HZN⁺22]. **Constraint** [TSBB20]. **constraints** [CFLH⁺22]. **construction** [JQZ20]. **content** [Agu23, CA20]. **Context** [HLX23, HLZ⁺21, LH22]. **context-sensitive** [LH22]. **Contextual** [DB23]. **contracts** [HFS22]. **control** [Ram22]. **convex** [CK21]. **cooperation** [CA20]. **Coverage** [SVDHB23]. **Coverage-Based** [SVDHB23]. **criteria** [MSDP23]. **critical** [CCH⁺22]. **CRNs** [DAAZ⁺20]. **cross** [CPV⁺20]. **cross-platform** [CPV⁺20]. **Cryptographic** [AXR⁺23, ZKX⁺23]. **CvAMoS** [DB23].

D [BAP20]. **Data** [MKNS20, SV22]. **dataflow** [SS23a]. **dataset** [KAR23]. **Dead** [MNS⁺23, CCRS23]. **Debloating** [HLX23, SVDHB23, TAM⁺22]. **Debt** [ZBA23]. **debugging** [SIK⁺21]. **decision** [MSDP23]. **Declarative** [C⁺23, NPZ⁺20]. **decompilation** [HSVMB20]. **decompiler** [HSVMB20]. **default** [LMM21]. **Defect** [NXL⁺22]. **Defects** [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]. **Detection** [AXR⁺23, AKAS22, TPBF23, ZKX⁺23, ZWY⁺20, AAYK23, ACSK23, FHZ⁺22, FYL⁺23, HLZ⁺21, HSF⁺22, LFHX23, NBA⁺21]. **Developer** [CCH⁺22, Her21, BPLFRL20]. **Developers** [MM22, CAC20]. **diagrams** [SS23a]. **Did** [MM22]. **differ** [API⁺22]. **Different** [SV22]. **directed** [FRD20]. **Directive** [ZWY⁺20]. **diversity** [HSVMB20, MLBD21]. **do** [API⁺22]. **Docker** [ZMD21]. **Documentation** [ZWY⁺20]. **doing** [Cob22]. **Driven** [AST23]. **DSL** [CBPC23]. **DSL-based** [CBPC23]. **duplex** [DAAZ⁺20]. **Dynamic** [KTSS20, PKB23, TAM⁺22].

ecosystem [MPW⁺21]. **effect** [CAC20].

Effective [FDD20, TSBB20, LFHX23, TCDD23].

Efficient [SS23b, FDD20, ZZ20]. **Elements** [FLR23]. **Eliminating** [MV20].

Elimination [CCH⁺22, MNS⁺23].

Empirical [AAYK20, CASA22, MNS⁺23, HR20, PVR⁺20, THG20]. **employer** [Ano20]. **end** [FBV22]. **engine** [PKB23].

Entering [BM23]. **Environment** [SV22, DAAZ⁺20]. **Errors** [vO23]. **ESLint** [TAV20]. **Evaluating** [KMSH22].

Evaluation [AXR⁺23, BKP⁺22, ACSK23, NGB23, PVR⁺20]. **Event** [AST23, DB23].

Event-Driven [AST23]. **Every** [Dar21, Her21]. **Evolution** [YBSM21, BPLFRL20, CCRS23].

Execution [SBBL23, NPZ⁺20, PJJM21, SIK⁺21].

expertise [ORPPG20]. **eXPloitation** [NBA⁺21]. **Exploits** [SBBL23].

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]. **FeynGame** [HKL20]. **Finding** [AST23]. **Finite** [PJJM21]. **Finite-state** [PJJM21]. **first** [WBE20]. **Floating** [Dar21, ASD⁺23].

Floating-Point [Dar21, ASD⁺23]. **flow** [Ram22]. **Forecasting** [ZBA23].

Formatting [LFBM23]. **formulas** [MLBD21]. **framework** [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** [CFLH⁺22].

Game [MT21]. **generate** [FRD20].

generators [NPZ⁺20]. **Genetic** [YB20].

Git [HHK20]. **GitHub** [GMBv20]. **GMP** [AS23]. **Go** [Fei22, GHK⁺20]. **Google** [Fei22]. **Graph** [MKNS20, FHZ⁺22, FYL⁺23, KPK23].

graphical [CPV⁺20]. **Groovy** [Kin20].

guided [MCF⁺22].

HBSniff [HSF⁺22]. **heap** [PNM⁺20].

Heterogeneous [ORPPG20, BDGZ23].

Hibernate [HSF⁺22]. **High** [SS23b].

High-Level [SS23b]. **Highly** [HFS22, AAYK23]. **history** [Hic20, Kin20].

Hosted [GMBv20]. **Hub** [ZMD21].

hundreds [MPW⁺21]. **Hybrid** [TSBB20].

IBFD [DAAZ⁺20]. **Identification** [MNS⁺23]. **Identifying** [MSB23]. **IFDS** [HLX23]. **IFDS-based** [HLX23]. **illogical** [HFS22]. **images** [ZMD21]. **Impact** [YBSM21]. **imperative** [MCF⁺22, NPZ⁺20].

implementation [NGB23, PNM⁺20].

in-band [DAAZ⁺20]. **In-depth** [SBBL23].

incremental [LH22]. **Independent** [KTSS20, WHP⁺23, JGSG⁺21]. **index** [JQZ20]. **Information** [DB23]. **inheritance** [BBG⁺22]. **Injection** [TSBB20, NBA⁺21]. **Integrated** [TSBB20]. **integration** [THG20]. **intelligent** [KTB20]. **Intensional** [C⁺23]. **interactions** [BPLFRL20]. **Interface** [MT21, CPV⁺20]. **Internet** [JGSG⁺21, DAAZ⁺20]. **Interpreter** [ZXX23]. **Investigation** [TOO⁺23]. **Isula** [GCC20].

JAVA

[WFD23, ASD⁺23, AXR⁺23, Agu23, API⁺22, AAYK20, AAYK23, ACSK23, AS23, Ano20, APA⁺20, BBG⁺22, BDGZ23, BKP⁺22, BPLFRL20, BWTS⁺23, BLS⁺23, CCRS23, CAC20, CA20, CBPC23, CK21, CPV⁺20, C⁺23, DD20, DAAZ⁺20, Dar21, Fei22, FRD20, FYL⁺23, FCS20, FDD20, GCC20, GCS⁺20, GMBv20, HSVMB20, Her21, HHK20, HR20, HCL22, HSF⁺22, KAR23, KTB20, KPK23, LFBM23, LH22, MM22, MKNS20, MT23, MV20, MLBD21, MSB23, MT21, Nig22, NGB23, ORPPG20, PJJM21, PNM⁺20, PVR⁺20, RBRB23, SBBL23, SS23a, SGHM23, SIK⁺21, SS23b, SVTTB23, SVDHB23, SAC21, TCDT23, THG20, TPBF23, WHP⁺23, WLC⁺24, YBSM21, YB20, ZKX⁺23, ZWY⁺20, ZZ20, vO23]. **Java-Based** [TPBF23]. **Java-like** [BDGZ23]. **Java-type** [FDD20]. **Java/PCJ** [NGB23]. **JavaFX** [RK20]. **JavaScript** [AKAS22, AST23, CCH⁺22, CASA22, FHSQ20, FHZ⁺22, FBV22, FLR23, HLZ⁺21, JCA⁺22, JGSG⁺21, KTSS20, LFHX23, MSDP23, MNS⁺23, MNT20, MPW⁺21, NFH22, NXL⁺22, NBA⁺21, PKB23, TAV20, TOO⁺23, TAM⁺22, WBE20, ZBA23, ZMD21]. **JavaSim** [DAAZ⁺20]. **JavaSim-IBFD-CRNs** [DAAZ⁺20]. **JEMMA** [KAR23]. **JGMP** [AS23]. **JGNN** [KPK23]. **JGraphT** [MKNS20]. **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].

kernel [DD20]. **Key** [BBB⁺20, HLZ⁺21, ASD⁺23]. **Kirk** [HFS22]. **KiWi** [BBB⁺20]. **Know** [Dar21, Her21]. **Kotlin** [MM22].

label [ORPPG20]. **Landscape** [NFH22].

Language

[BWTS⁺23, Fei22, BAP20, Kin20]. **Languages** [LMM21]. **Large** [RBRB23, HFS22, HR20, MSB23]. **Large-scale** [RBRB23]. **leak** [GCS⁺20]. **Learn** [Fei22]. **Learned** [RK20]. **Learning** [AST23, SAC21]. **Lessons** [RK20]. **Level** [SS23b, ORPPG20]. **leveraging** [FCS20]. **Lexical** [CA20]. **Libraries** [BM23, HCL22]. **Library** [MKNS20, AS23, CK21, MNT20]. **licensing** [MPW⁺21]. **light** [Agu23]. **like** [BDGZ23]. **limited** [SIK⁺21]. **Linters** [TAV20, HFS22]. **Listen** [AST23]. **lists** [Ano20]. **local** [AAYK20]. **locations** [MNT20]. **Look** [HZN⁺22, vO23].

machine [SAC21, DD20, PNM⁺20]. **maintainability** [MSB23]. **Malicious** [AKAS22, FHZ⁺22, HLZ⁺21, FHSQ20]. **malware** [FYL⁺23]. **many** [HFS22]. **Map** [BBB⁺20]. **mapping** [HSF⁺22]. **mathematical** [MLBD21]. **Matrices** [FSZD20]. **Means** [Nig22]. **mechanisms** [HHK20]. **Memory** [GCS⁺20, vO23, PNM⁺20]. **Merge** [GMBv20, LFBM23, SGHM23]. **meta** [HSVMB20]. **meta-decompilation** [HSVMB20]. **Metaverse** [BM23]. **method** [AAYK20, HR20, LFHX23, ZZ20]. **methods** [CCRS23, HHK20, SAC21]. **metrics** [SAC21]. **MFSS** [LFHX23]. **microservice** [SS23a]. **Middleweight** [MT21]. **Migrate**

[MM22]. **Migrating** [RK20]. **migration** [JGSG⁺21]. **Mining** [NFH22]. **mismatches** [HFS22]. **Misuses** [KMSH22, ZKX⁺23]. **ML4Code** [KAR23]. **Mobile** [CCH⁺22]. **model** [LFHX23, PJJM21]. **Modern** [LMM21, THG20]. **Multi** [YB20, LFHX23, MPW⁺21]. **multi-feature** [LFHX23]. **multi-licensing** [MPW⁺21]. **Multi-Objective** [YB20]. **Multilevel** [DD20]. **multiple** [CAC20, MSDP23]. **Mutating** [PVR⁺20]. **mutation** [API⁺22]. **My** [WWW⁺22].

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Obfuscated [AKAS22]. **obfuscation** [FDD20]. **Object** [HLX23, HSF⁺22]. **object-relational** [HSF⁺22]. **Object-Sensitive** [HLX23]. **Objective** [YB20]. **omniscient** [SIK⁺21]. **one** [MPW⁺21]. **OPA** [MSDP23]. **Open** [GMBv20, THG20]. **open-source** [THG20]. **opportunities** [MSB23]. **optimization** [MV20]. **Optimizing** [FSZD20]. **Ordinal** [MSDP23]. **Origins** [BAP20]. **Orthogonal** [PNM⁺20]. **OSS** [MSB23]. **Overflow** [BPLFRL20]. **overhead** [MV20].

Packages [CASA22, MSB23, ZMD21]. **Pages** [CCH⁺22]. **pairs** [AAYK23]. **Parallel** [MT23, Nig22, NGB23]. **parallelization** [KTB20]. **Party** [SVTTB23, HCL22]. **Pathfinder** [APA⁺20]. **pattern** [BKP⁺22]. **Patterns** [AST23, TOO⁺23]. **PCJ** [NGB23]. **pearl** [Ram22]. **Performance** [FSZD20, Nig22, NGB23, TPBF23, ZXX23, TCDT23]. **Persistence** [Cob22, PNM⁺20]. **persistent** [PNM⁺20]. **pipelines** [MV20]. **Plain** [SS23b]. **Platform** [JGSG⁺21, KTSS20, CPV⁺20]. **Platform-Independent** [KTSS20, JGSG⁺21]. **Point** [Dar21, ASD⁺23]. **Pointer** [HLX23, LH22]. **Polyrun** [CK21]. **polytopes** [CK21]. **Practice** [TAV20, YBSM21]. **Practices** [WHP⁺23]. **precise** [ZZ20]. **predicting** [SAC21]. **Prediction** [NXL⁺22]. **Preservation** [LFBM23]. **Principal** [ZBA23]. **priorities** [CFLH⁺22]. **Priority** [MSDP23]. **Program** [KMSH22, WWW⁺22, MCF⁺22, MV20, PJJM21]. **Programmer** [Dar21]. **Programmers** [Fei22, ORPPG20]. **Programming** [BWTS⁺23, Cob22, C⁺23, Fei22, LMM21, SS23b, YB20, BAP20, Kin20]. **Programs** [YB20, ASD⁺23, AAYK23, FRD20, MNT20, PVR⁺20]. **Projects** [GMBv20, JCA⁺22, NXL⁺22, SGHM23, WHP⁺23, GCS⁺20, HCL22, MLBD21, SAC21, THG20]. **prone** [AAYK20]. **protection** [Bie22]. **Python** [AAYK23, Ano20, BLS⁺23, ZXX23, ZMD21].

Quantifying [FLR23].

radio [DAAZ⁺20]. **random** [FRD20]. **Real** [BBB⁺20, MLBD21]. **Real-time** [BBB⁺20]. **real-world** [MLBD21]. **reasoning** [ASD⁺23]. **Recommendation** [ZWY⁺20]. **Recursive** [ZZdSO23, Ram22]. **refactoring** [KTB20, MSB23]. **RegCPython** [ZXX23]. **Regex** [CFLH⁺22]. **Regex-dependent** [CFLH⁺22]. **Register** [ZXX23]. **Register-based** [ZXX23]. **regular** [Agu23]. **related** [MLBD21]. **relational** [HSF⁺22]. **Relooper** [Ram22]. **Remote** [SBBL23].

Remote-Code [SBBL23]. **Repair** [KMSH22, YB20, ZWY⁺20]. **repairs** [GCS⁺20]. **Replication** [NXL⁺22, SV22]. **representation** [FHZ⁺22]. **Research** [BM23]. **resolution** [ZZ20]. **resource** [GCS⁺20]. **Result** [BLS⁺23]. **rich** [SS23a]. **right** [Cob22]. **risks** [HCL22]. **Ruby** [ZMD21]. **rule** [ASD⁺23]. **rule-** [ASD⁺23]. **Runtime** [WLC⁺24, CBPC23]. **Rust** [vO23].

Safe [KTB20, LMM21]. **Safe-by-default** [LMM21]. **Safety** [vO23]. **sampling** [CK21]. **Scalable** [BBB⁺20, JQZ20]. **scale** [HR20, RBRB23]. **Security** [TSBB20, SS23a]. **security-rich** [SS23a]. **semantic** [FHSQ20, FHZ⁺22]. **Semantics** [MT21, WWW⁺22, FCS20]. **Semantics-based** [FCS20]. **Sensitive** [HLX23, LH22]. **Sequential** [MT23]. **server** [NBA⁺21, TAM⁺22]. **server-side** [NBA⁺21, TAM⁺22]. **Sets** [C⁺23]. **SGX** [WLC⁺24]. **SGX-Friendly** [WLC⁺24]. **SHARP** [LH22]. **Should** [Dar21, Her21]. **side** [NBA⁺21, TAM⁺22]. **similar** [AAYK23]. **Simplifying** [CCH⁺22]. **simulator** [DAAZ⁺20]. **Site** [HZN⁺22]. **size** [SIK⁺21]. **size-limited** [SIK⁺21]. **Skills** [Ano20]. **Slicing** [TSBB20]. **Small** [FSZD20]. **smell** [HSF⁺22]. **Smells** [JCA⁺22]. **SMT** [ASD⁺23]. **SMT-based** [ASD⁺23]. **social** [BPLFRL20]. **Software** [TPBF23, CAC20, CA20, MSDP23, SAC21, TCDT23]. **solid** [WFD23]. **Solver** [MSDP23]. **Solving** [CFLH⁺22, TSBB20]. **Source** [GMBv20, THG20]. **Specialization** [SVTTB23]. **specifications** [NPZ⁺20]. **Spork** [LFBM23]. **spotting** [HFS22]. **spread** [CCRS23]. **Sql** [Ano20]. **Stack** [BPLFRL20]. **State** [BM23, PJJM21, TCDT23]. **stateful** [JGSG⁺21]. **Static** [AXR⁺23, ACSK23, FCS20, HSF⁺22]. **steady** [TCDT23]. **still** [THG20].

Strategies [SV22]. **stream** [MV20]. **streams** [KTB20, RBRB23]. **string** [CFLH⁺22]. **structural** [CAC20, JQZ20]. **structure** [ORPPG20]. **Structured** [LFBM23, Ram22]. **Structures** [MKNS20]. **Stubbifier** [TAM⁺22]. **Study** [CASA22, GMBv20, NFH22, NXL⁺22, SBBL23, SGHM23, TAV20, AAYK20, BPLFRL20, CCRS23, CAC20, CA20, HR20, THG20]. **Suboptimal** [WHP⁺23]. **Subtyping** [ZZdSO23]. **Suites** [ACSK23]. **supporting** [BBG⁺22]. **Survey** [NFH22]. **Swing** [RK20]. **synthesis** [MCF⁺22].

Taint [KTSS20]. **Technical** [ZBA23]. **Test** [ACSK23, THG20]. **Testing** [RW20]. **TFA** [ZZ20]. **their** [GCS⁺20, ORPPG20]. **Theory** [WFD23]. **There** [ZKX⁺23, TCDT23]. **Things** [Her21, DAAZ⁺20, JGSG⁺21]. **ThingsMigrate** [JGSG⁺21]. **Third** [SVTTB23, HCL22]. **Third-Party** [SVTTB23, HCL22]. **Time** [HZN⁺22, NXL⁺22, BBB⁺20, MV20]. **too** [HFS22]. **Tool** [CCH⁺22, HSF⁺22, SIK⁺21]. **Tools** [AXR⁺23, BM23, API⁺22, ACSK23]. **top** [Ano20]. **trace** [SIK⁺21]. **traces** [DD20]. **tracking** [HHK20]. **transducers** [CFLH⁺22]. **Transformer** [MT23]. **translation** [FCS20, Ram22]. **transpilation** [MCF⁺22]. **tree** [ORPPG20]. **Trivial** [CASA22]. **Two** [Her21]. **type** [FRD20, FDD20, HFS22]. **type-directed** [FRD20]. **typed** [FRD20]. **types** [HFS22]. **typestate** [BBG⁺22].

un- [FBV22]. **Understanding** [BPLFRL20]. **Unifying** [NPZ⁺20]. **unit** [THG20]. **unsound** [HFS22]. **unstructured** [Ram22]. **Untriviality** [CASA22]. **updates** [HCL22]. **Usage** [YBSM21, ZMD21]. **usages** [HCL22]. **Use** [BWTS⁺23]. **userspace** [DD20]. **Using** [C⁺23, DB23, SAC21, ACSK23, HLZ⁺21, MSDP23, MCF⁺22, MV20, SIK⁺21].

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