



# Release Notes

🐛 - Bugfix | 🔧 - Improvement | ✨ - New Free Feature | ☆ - New Premium Feature

## Version 2.0 (30.12.2023)

Please note: Data files generated by previous versions are not compatible with this version and cannot be set in the configuration!

- 🐛 - Fix missing display of long descriptions in popups and window
- 🐛 - Remove links to mapping diagrams for database- and sources-only analysis
- 🐛 - Fix multiple changes in one column/field are not displayed in compare dialog
- 🐛 - Fix display of wrong error details for ignored issues
- 🐛 - Fix wrong application of NoAnnotationsOnTransientRule when binary classes are analyzed
- 🐛 - Fix wrong links in Compare dialog when switching applications
- 🔧 - Refactoring and streamlining of generated data files
- 🔧 - Manifest details display can be toggled as shown and hidden
- 🔧 - Support of delimited identifiers for database objects (section 2.13 of JPA Spec 2.2)
- 🔧 - Display database catalog and schema information
- 🔧 - prettyPrint configuration flag to store data file with indentations and line feeds
- 🔧 - add application documentation in configuration
- 🔧 - add slf4j dependency
- ✨ - Analyze and display of database sequence information
- ✨ - Analyze and display of ID generator information
- ☆ - Rule check: rule that checks if type of @Id annotated fields and properties is portable
- ☆ - Rule check: rule that checks that @Version annotated fields are not modifiable by the application
- ☆ - Rule check: rule that checks that each table has a primary key

## Version 1.5 (16.4.2023)

- 🐛 - Fix switch on/off of magnifier button causes svg overlays
  - 🐛 - Fix analyze of getter methods for boolean fields beginning with is...
  - 🐛 - Fix escaping for Manifest attribute values
  - 🐛 - Fix NoSuchMethodError when older versions of xerces are in the classpath
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- 🛠️ - Fix check if all sources are available
- 🛠️ - Fix mac detection when dynamic mac addresses are used
- ☆ - cropping of diagrams
- ☆ - download of cropped diagrams
- ☆ - check for doubled job name
- ☆ - the job configuration parameter dataFile accepts a directory. All files ending with -job.js are applied
- 🛠️ - expression \$2023-12-30T11:15:19Z is resolved to the current date in job name
- 🛠️ - Display of manifest details for dependencies
- 🛠️ - timeout configuration parameter removed
- 🛠️ - configuration of sources optional. If not present, the binaries are analysed for JPA implementations instead of source files

## Version 1.4 (10.9.2022)

- 🛠️ - Fix duplicated class attributes in combined diagram svg images
- 🛠️ - Fix missing entity reference in UNKNOWN\_ENTITY error
- 🛠️ - Fix NPE when target type in relation is missing
- 🛠️ - Fix NPE when no ignored errors are set in the job.
- 🛠️ - Fix reset of zoom slider of lower window
- 🛠️ - Fix search displays searched item in lower window when Alt key is pressed
- 🛠️ - Fix entity and domain diagrams containing items with the same name in different packages
- 🛠️ - Fix out of center zooming when scrolled
- 🛠️ - resolve unique constraints from unique indexes
- 🛠️ - performance improvement of diagram generation
- 🛠️ - updated versions of libraries to fix some bugs
- ☆ - scalable and resizable loupe for diagrams
- ☆ - Resolving of domain boundaries and displaying them in the domain object diagram
- ☆ - Rule check: new rule checks that explicitly set column properties in @Column corresponds to the database column properties
- ☆ - Rule check: detect interdependencies between domains

## Version 1.3 (8.7.2022)

- 🛠️ - Fix pruning of redundant types. Wrong types were pruned due to implemented equals() method
  - 🛠️ - Fix missing sub classes of mapped super classes in model and graph
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- 🛠️ - Fix graph moving out of center when zooming in/out
- 🛠️ - removed hierarchy information in domain object views
- 🛠️ - Fix missing level information in error details views
- 🛠️ - Fix Window title when clicking yellow chain icon
- 🔧 - slider on graphs for fine-grained zooming
- 🔧 - extended application information includes analyzed sources and dependencies
- ☆ - error report renamed to issue report
- ☆ - possibility to set issues to ignored in the configuration file
- ☆ - Rule check: new rule checks cascade type on relation attributes
- ☆ - Rule check: new rule detects duplicated dependencies in the classpath

## Version 1.2 (20.5.2022)

- ☆ - Rule check: new rule checks that no mixed annotations on fields and properties
  - ☆ - Rule check: new rule checks that transient fields have no JPA annotations
  - ☆ - Rule check: new rule checks subclasses overriding mapping metadata of superclasses
  - ☆ - Rule check: new rule checks that equals() and hashCode() methods are implemented in composite key classes
  - ☆ - diagram that maps entity classes on tables
  - ☆ - diagram that maps entity classes and domain objects
  - ☆ - diagram that maps domain objects on tables
  - 🔧 - Class diagram of a single persistent type or enum show all classes that have a dependency to this class
  - 🔧 - Links added to class diagrams of single persistent types and enums which point to the detail presentations
  - 🔧 - Table diagram of a single table show all other tables that have a constraint to this table
  - 🔧 - Links added to table diagrams of single tables which point to the detail presentations
  - 🛠️ - Fix wrong number/string comparison when initializing svg diagrams
  - 🛠️ - fix missing escaping of unicode characters in documentation
  - 🛠️ - fix missing size property when comparing columns
  - 🛠️ - remove obsolete panel type settings
  - 🛠️ - fix that differences in a parent class are not also displayed as duplicates for child classes
  - 🛠️ - fix that differences in an embeddable class are not displayed as duplicates for embedding classes
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## Version 1.1 (6.1.2022)

- 🛠 - fix canceling the settings dialog
- 🔑 - increase flexibility for opening links in upper or lower window with mouse click + Alt key
- 🔧 - small layout improvements
- 🔧 - library versions upgraded
- 🔍 - zoom and pan of database and JPA overview images
- 🔗 - linking from tables and classes in database and JPA overview images to the respective details in tabular form
- ☆ - comparing functionality between jobs for database tables and JPA classes

## Version 1.0 (23.10.2021)













- 🔗 - graphical representation of JPA classes and tables and their relations
- ☆ - new html page for error reports (premium version)
- ☆ - Support of multiple analysis jobs per Japedo execution and of stored job executions. Menu for dynamically switching between jobs (premium version)
- ☆ - Check of the application for respecting rules and conventions of the JPA specification (premium version)
- 🔧 - settings dialog layout improved
- 🔧 - Not required anymore to set Java version in PATH. The Main class can also be called directly with the Java runnable.
- 🔧 - Adjust maximum height of popup window to viewport size
- 🔧 - Re-design of configuration file from properties format to structured xml based on xsd

## Version 0.5.1 (19.6.2021)










- 🛠 - fix layout problem of top menu bar when reference name differs in length
  - 🛠 - fix for JPA classes inheriting from non-JPA classes
  - 🛠 - fix for non existing target/test-classes directory
  - 🛠 - fix for multiple occurrences of persistent types with different qualified name but same name
  - 🛠 - fix defaulting referenced column name of secondary tables @PrimaryKeyJoinColumn
  - 🛠 - fix List and Map attributes annotated with @Lob
  - 🛠 - fix missing column error for inverse column of ElementCollection table
  - 🛠 - fix missing view error
  - 🔧 - add support for japedo maven plugin
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-  - configuration parameter meta.dbReferenceName renamed to core.name
-  - Error report layout improved

## Version 0.5 (8.5.2021)

-  - restructuring and renaming of configuration parameters
-  - small layout improvements
- ☆ - new business domain type perspective (premium version)
- ☆ - analyzing of persistence units (premium version)
- ☆ - support of orm xml mapping files (premium version)
-  - remove from the list redundant mapped super classes and embeddables
-  - display for embeddables in which classes they are embedded
-  - display for mapped super classes of which classes they are super classes
-  - add linkage for foreign key table
-  - improve error reporting of missing sources and compilation errors
-  - add database reference value and execution time in the Japedo report header
- ☆ - linkage of table columns with JPA and domain object attributes (premium version)
-  - display complete manifest content
-  - replace lists in settings dialog with radio buttons
- ☆ - search functionality with auto-completion (premium version)
-  - fix analysis of primary and foreign key constraints with multiple columns
-  - performance improvements

## Version 0.4 (12.12.2020)

-  - null value in foreign key column names
  -  - missing table name links in some references of [Table/Column] column in JPA perspective
  -  - only read indexes for tables not for views
  -  - hide embeddable attributes of superclasses when 'show superclass attributes' is set to false
  -  - stop complete documentation generation if one thread in parallel processing is interrupted due to timeout or error
  -  - don't set discriminator value for mapped super classes
  -  - Compilation of the Java sources returns JapedoRuntimeException if an error occurs and further processing stops
  -  - Support of slashes and backslashes in paths of properties in configuration file
  -  - set default timeout to -1 (no timeout)
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-  - collect non-fatal errors and continue processing. Errors are reported at the end
-  - Performance increase of database analysis, added the possibility to configure the number of threads to be used for database inspection (see user manual documentation)
-  - Better distinction between documentation generated by database or source code analysis in html presentation by colors