EJPG ECOSYSTEM SPECIFICATION INTERPRETER COMMAND v1.2.Final

Eduardo Junior Pereira Garcia
Computer Technician

Presentation version: 1.0-Default (2025-03-10)

Release Date of Version 1.2.Final: 2025-03-07

History of Changes

[2025-02-04] v1.0.Final – Include Automation writer interpreter of (1) Jakarta and Java EE Persistence Profile, (2) Repository Mappings by Id and Foreign Keys, (3) Data Transference Objects Design Implementation, (4) Mappers implementation of Persistence Objects and Transference Objects, (5) Implementation of services design with injection of repositories and mappers by automation calls of identifiers.
[2025-02-19] v1.1.Final – Include Automation calculation of (1) Function Point Analysis Report of ILF and ELF (2) Default Implementation of Persistence Utils Design, (3) Default Implementation of RDBMSConfig for external configuration, (4) Default Source of GitIgnore document for project Scm context, (5) Improve path context writer of Java source code for package design distribution and source search by apache maven, (6) automation write of pom.xml document for application compiler by context of enterprise distribution of Jakarta EE and/or Java EE, (7) Default custom document properties for external application configuration of server port and database connection (8) Default application initializer implementation with reader of custom document properties.
[2025-03-07] v1.2.Final – (1) Included Internal Specification for Generation of Custom Reports, (2) Included Internal Specification for Generation of Bridge Contract, (3) Included Automation writer of Custom Reports, (4) Included Automation writer of Bridge Contract, (5) Included Automation writer of Unit Tests of Bridge Contract Implementation, (6) Included Automation Calculation of Function Point of External Inquiry (EQ), Extenal Input (EI), and External Output (EO) from Bridge Contract Specification, (7) Renamed Project Context from DDL Interpreter to Specification Interpreter Command.

Archived Goals of Release v1.0.Final

Archived Goal [Release v1.0.Final]

1. Analysis of Database Script DDL Model for Automation Construction of Jakarta EE and Java EE Persistence API Implementation Mapping.

Archived Goal [Release v1.0.Final]

2. Automation Construction and Implementation of Search Queries by Id and Foreign Keys Related of Spring Data JPA Framework API.

Archived Goal [Release v1.0.Final]

3. Automation Construction and Implementation of Data Transference Objects applying Web Services Integration Good Practices.

Archived Goal [Release v1.0.Final]

4. Automation Database Entities and Data Transference Objects Mapping by using Related MapStruct Framework API.

Archived Goal [Release v1.0.Final]

5. Automation of Services Implementation Rules by Injection of Repositories and Mappers related to Entity Id and Foreign Keys.

Archived Goal [Release v1.0.Final]

Conclusion of Release v1.0.Final: Automation write of all contexts of Persistence Mapping of Internal Logical Files and External Interface Files from Data Definition Language Document.

Archived Goals of Release v1.1.Final

Archived Goal [Release v1.1.Final]

1. Function Point Analysis Calculation of Resources Generated from Data Definition Language Database Script.

Archived Goal [Release v1.1.Final]

2. Automation write of Default Persistence Contract Implementation for search by Identifier.

Archived Goal [Release v1.1.Final]

3. Automation writer of Default custom Relational Database Management System Configuration of Enterprise Application in Domain Context.

Archived Goal [Release v1.1.Final]

4. Automate write of Default .gitignore document for project SCM Context configuration.

Archived Goal [Release v1.1.Final]

5. Improved path context writer of Java source code for package design distribution and source search by apache maven.

Archived Goal [Release v1.1.Final]

6. Automation writer of pom.xml document for application compiler by context of enterprise distribution of Jakarta EE and/or Java EE.

Archived Goal [Release v1.1.Final]

7. Automation write of Custom document properties of enterprise application for external configuration of server port and database connection.

Archived Goal [Release v1.1.Final]

8. Automation write of Default custom Application Initializer with Reader Implementation of Enterprise Application Properties document.

Archived Goal [Release v1.1.Final]

Conclusion of Release v1.1.Final: Calculation automation of Function Points of Internal Logical Files and External Interface Files, and Write automation of all dependency contexts of Enterprise Application from Jakarta EE and/or Java EE.

Archived Goals of Release v1.2.Final

Archived Goal [Release v1.2.Final]

1. Included Internal Specification for Generation of Custom Reports.

Archived Goal [Release v1.2.Final]

2. Included Internal Specification for Generation of Bridge Contract.

Archived Goal [Release v1.2.Final]

3. Included Automation writer of Custom Reports.

Archived Goal [Release v1.2.Final]

4. Included Automation writer of Bridge Contract.

Archived Goal [Release v1.2.Final]

5. Included Automation writer of Unit Tests of Bridge Contract Implementation.

Archived Goal [Release v1.2.Final]

6. Included Automation Calculation of Function Point of External Inquiry (EQ), Extenal Input (EI), and External Output (EO) from Bridge Contract Specification.

Archived Goal [Release v1.2.Final]

7. Renamed Project Context from DDL Interpreter to Specification Interpreter Command.

Archived Goal [Release v1.2.Final]

Conclusion of Release v1.2.Final: Specification Contracts of Reports and Bridge Contracts, Automation Writer of Reports, Bridges Contracts, and Units Tests for Implementation of Bridge Contract, Automation Calculation of Function Points of External Inquiry (EQ), External Input (EI), and External Output (EO) from Bridge Contract Specification.

EJPG ECOSYSTEM SPECIFICATION INTERPRETER COMMAND v1.2.Final

Eduardo Junior Pereira Garcia
Computer Technician

Presentation version: 1.0-Default (2025-03-10)