



JPA Modeler

Java EE 8 code generation tool.

About us

Gaurav Gupta

- Creator and lead developer of JPA Modeler, jBatch Suite etc.
- Passionate for simplifying development tasks and improving developer productivity

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What about YOU?

- Are you Java Developer ?
- Are you Architect ?
- Want to learn new technologies
- Novice or Expert



Your Job

- Lots of code
- You like creating solution
- You like efficiency
- You dislike writing repetitive code



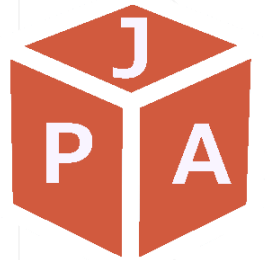
Agenda

- What is JPA Modeler ?
- Motivation
- Technology support
- Quick Demo
- JPA & DB Modeler in Action
- Query artifacts and custom extensions
- Reverse Engineering
- Angular app generator
- Java EE 8 MVC app generator
- Vision
- Q&A session

JPA Modeler

- Entity and Database modeling tool
- Java EE 8 source code generator
- Wires the technology together

Twitter: **@JPAModeler**
www.jpamodeler.github.io



Motivation

Java EE 8 Code Generator

- Creates a full-stack application
- Includes best practices and high quality code
- Creates quick prototype for a client
- Saves time
- Learn new technology

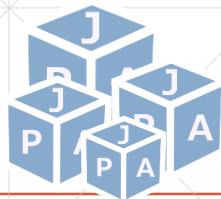
Technology Stack

- MVC 1.0 (JSR - 371)
- JAX-RS (REST)
- Security API (JSR - 375)
- CDI
- Bean Validation
- EJB
- JSP
- Swagger
- Metrics
- Angular JS
- Responsive Web Design
- HTML5 Boilerplate
- Twitter Bootstrap





Let's build an app



DB Modeler

- Design schema transparently
- Multi Database support (e.g PostgreSQL, MySQL, Oracle etc)
- Generate SQL
- ORM knowledge not required

Query Artifacts

- JPQL Query
- Native SQL Query
- Result Set Mapping
- Entity Graph
- Stored Procedure

Custom Extension

- Equals
- Hashcode
- ToString
- Constructor
- Annotation
- Bean Validation

Reverse Engineering

- Existing database
- Existing entity classes

Power of Visualization

- Simplify the solution
- Concentrate on Architecture
- OOPS-ify yourself
- Easy knowledge transfer with Reverse Engineering



VISION

Connect with us

Twitter : @JPAModeler

Website : jpamodeler.github.io

Github : github.com/jGauravGupta/JPAModeler

Youtube : youtube.com/JPAModeler

Thank You

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