

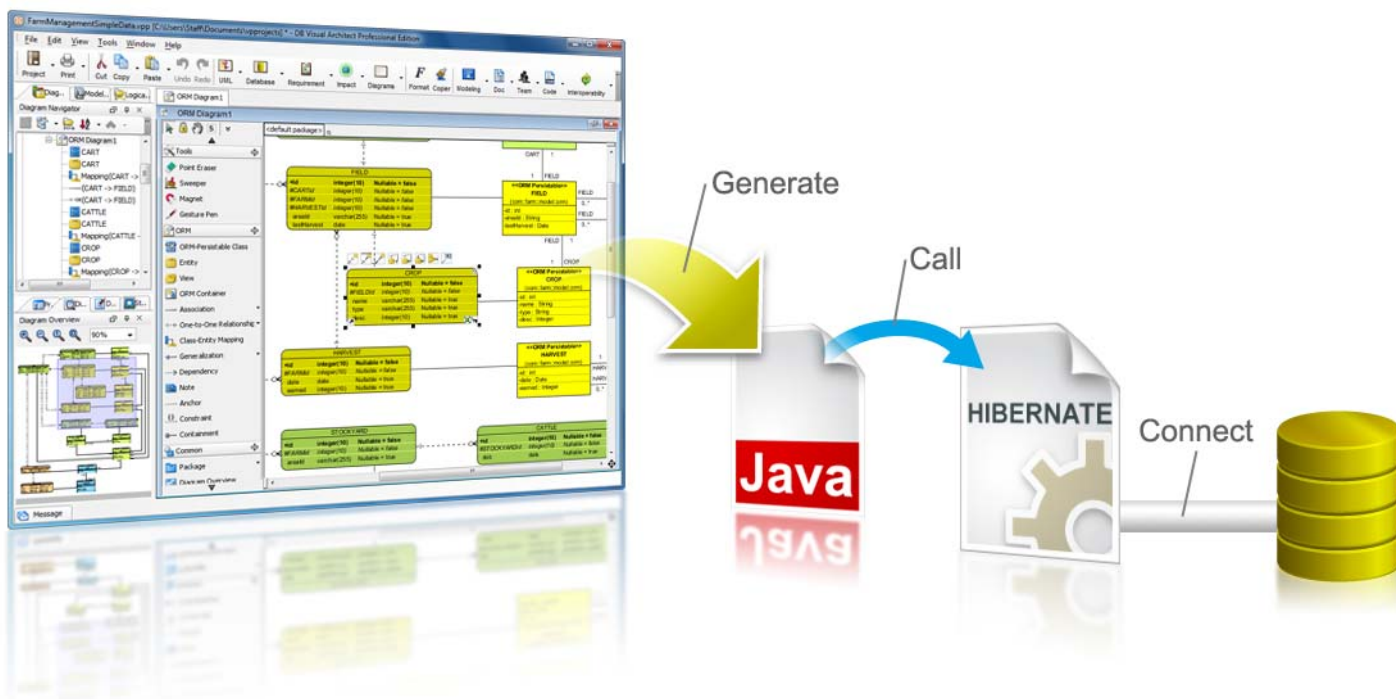
Database Visual ARCHITECT 6.3

Access Database with Object-Oriented Technology

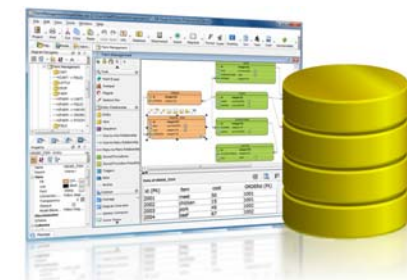
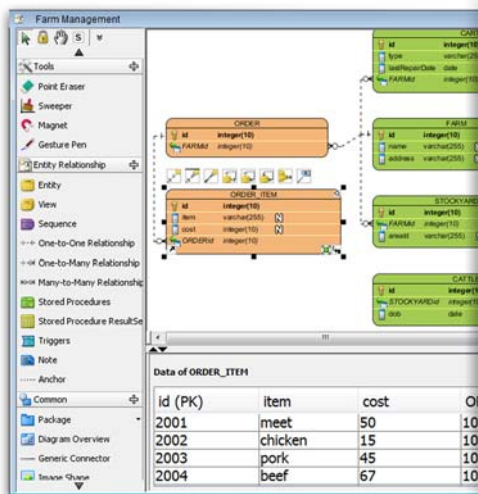
Release Date: September 19, 2011



Design, generate and maintain database, application persistent layer with innovative technologies

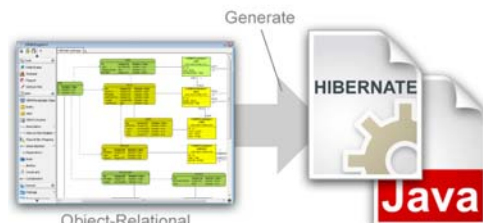


What DB-VA Provides



Database Design

Design database with Entity Relationship Diagram (ERD). Generate UML class diagram.



Object-Relational Mapping Diagram

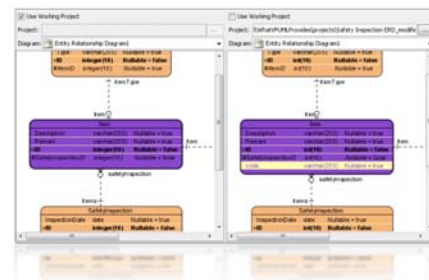
Generate Hibernate

Generate Hibernate, JPA persistent mapping layer, database schema (DDL) and Java source code.



Report Generation

Produce up-to-date database and programming specification automatically. Design your own template.



Compare Databases

Visually compare the differences between databases and generate patch scripts.



Impact Analysis

Avoid unexpected consequences by performing visual impact analysis with matrix and analysis diagram.



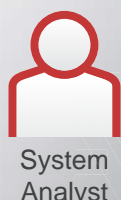
Team Collaboration

Share projects, and design database collaboratively and simultaneously with VP Teamwork Server, Subversion, Perforce, ClearCase and CVS.

Access Database with Object-Oriented Technology

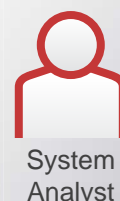
Logical Data Modeling

- Logical Entity Relationship Diagram



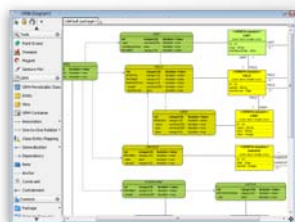
Physical Database Design

- Physical Entity Relationship Diagram



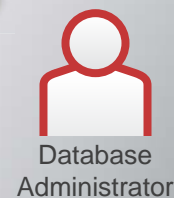
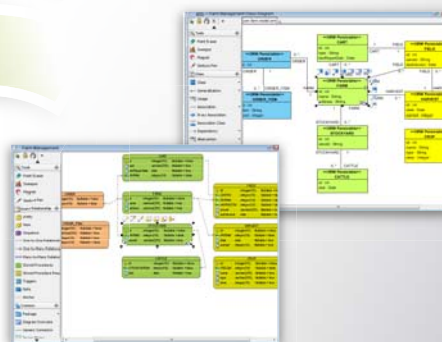
Design Object-Relational Mapping

- Generate UML Class Diagram
- Design mapping strategy



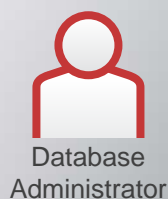
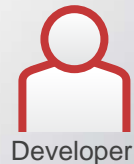
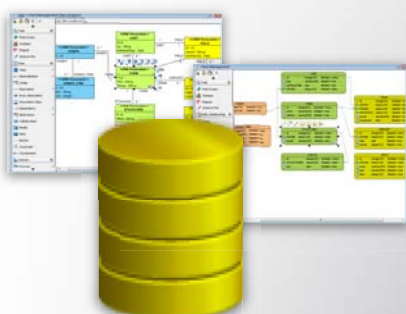
Implementation

- Generate Hibernate and JPA mapping
- Generate database schema (DDL)
- Generate Java source code



Maintenance

- Update database design visually
- Generate database patch script
- Generate Hibernate and Java source code



Database Visual ARCHITECT 6.3

Highlighted features of DB-VA



Per Developer

US\$399

Generate Java, C# and PHP code from UML class diagram.
Generate database and object-relational mapping layer.

Features	
Design persistent layer	●
Design database (ERD)	●
Generate DDL and DML	●
Reverse Database to ERD	●
Generate UML class diagram	●
ORM diagram	●
Generate Hibernate mapping layer	●
Generate Java source code	●
Product data specification	●
Generate PDF and HTML document	●
Generate Word 2007 document	●
Publish project to web server	●
Ad hoc report creation	●
Team Collaboration	●
Visual Diff	●
Mirror model elements	●
Design pattern	●
Java Hibernate generation	●
PHP doctrine generation	●
.NET NHibernate generation	●
Impact Analysis	●
Matrix	●
Analysis diagram	●
CRUD chart	●
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