Visual Paradigm for UML 7.1
Model-Code-Deploy Platform

Boost Productivity with Innovative and Intuitive Technologies
– From Requirements to Code
What VP-UML Provides?

**UML Modeling**
Visualize, design, communicate and document UML 2.2 diagrams with intuitive and sophisticated visual modeling environment.

**Business Process Modeling**

**Database Modeling**
Design, generate, reverse and synchronize database with sophisticated ERD. Generate professional documentation and Java Object-Relational Mapping layer (Hibernate).

**Requirement Modeling**
Capture, organize, manage and realize requirements with SysML Requirement Diagram. Build or customize your own requirement types.

**Impact Analysis**
Avoid unexpected consequences resulted by updating your design blueprint. Matrix presents the relationships between model elements, while analysis diagram helps analyze a model element, and display its related model elements visually.

**Diagramming Toolset**
Create and maintain business and engineering diagrams with Visual Paradigm cutting edge visual modeling toolset such as resource-centric interface, mouse gesture, sweeper, magnet, styles and layer.
What VP-UML Provides?

**Modeling Toolset**
Beyond diagramming there are various toolsets to improve the quality of visual modeling. Nicknamer helps maintain single element with multiple names for multi-national team. Visual Diff shows differences between diagrams and revisions visually. Animating UML diagram with Animacian.

**Documentation Generation**
Design and generate professional documentation in PDF, MS Word 2007 and HTML formats. Keeping database, program and technical specification up-to-date with minimal effort.

**Team Collaboration**
Modeling collaboratively and simultaneously with VP Teamwork Server, Subversion, Perforce or CVS. All revisions are stored in central repository. Compare and review changes between revisions visually.

**Interoperability & Integration**

**Code and DB Engineering**
Generate and reverse 10+ programming languages. Java code round-trip engineering. Generate, reverse, modify database schema with ERD.

**Supported Standards**
Build quality software faster, better and cheaper

**Deployment**
- Deployment diagram
  
  ![Image of Deployment Diagram]

**Business Modeling**
- Business Process Modeling
  
  ![Image of Business Process Diagram]
  
  Business Analyst

**Requirements Capturing**
- Requirement Modeling
- System level interaction design
- Use Case Modeling
  
  ![Image of Requirement Modeling Diagram]
  
  System Analyst

**Testing**
- Test planning
  
  ![Image of Test Planning Diagram]
  
  Tester

**Implementation**
- Implementation Class Diagram
- Dynamic Modeling
- Database Design
- Database generation
  
  ![Image of Implementation Diagram]
  
  System Architect
  
  Developer
  
  Database Administrator

**Analysis and Design**
- Composite Structure Modeling
- Architecture Modeling
- Structural Modeling
- Behavior Modeling
- UI Designer
  
  ![Image of Analysis and Design Diagram]
  
  System Architect
  
  System Designer
  
  UI Designer
## Compare VP-UML editions

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### UML Modeling

- Use Case Modeling
- Business Process Modeling
- Database Modeling
- Requirement Modeling
- Mind mapping
- Diagramming Toolset
- Glossary support
- **Modeling Toolset**
  - Visual Diff
  - Animacian
  - Design pattern
  - Model element nicknaming
  - Traceability and model transistor

### Documentation Generation

- **Impact Analysis**
  - Matrix
  - Analysis diagram
  - **Documentation Generation**
    - Document template designer
    - Generate PDF and HTML document
    - Generate Word 2007 document
    - Publish project to web server
    - Ad hoc report creation
  - Team Collaboration
  - Interoperability & Integration

### Code and DB Engineering

- **Code and DB Engineering**
  - Java code round-trip
  - Instant code generation and reverse engineering
  - Generate DB, Hibernate mapping and Java

Check the complete version from our website

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Visualize interaction with UML sequence diagram

Compare diagram visually by Visual Diff

System Requirements

- Intel Pentium III Compatible Processor at 1.0 GHz or higher.
- Minimum 512MB RAM, but 1.0 GB is recommended.
- Minimum 800MB disk space.
- Microsoft Windows (98/2000/XP/2003/Vista/7), Linux, Mac OS X, Solaris and all other Java-enabled platforms.

IDE Integration

- Eclipse 3 or above
- IntelliJ IDEA 4 or above (7.0 ready)
- NetBeans 4.0 or above (5.0 ready)

Related Products

- Business Process Visual ARCHITECT
- DB Visual ARCHITECT
- Smart Development Environment
- Agilian
- Visual Paradigm Teamwork Server

Award

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For more details on Visual Paradigm for UML, please visit
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