

Visual Paradigm for UML Community Edition (VP-UML CE) is a modeling platform designed for learning UML™ modeling through our best-of-the-breed and award-winning visual modeling technology that facilitates UML visualization in the latest UML 2.1 notation in 13 different types of diagrams, as well as ER Diagrams, Requirement Diagrams, CRC Diagrams and Textual Analysis.

Powerful and Easy-to-use GUI

Now developers can create diagrams much faster than any tool on the market through VP-UML's most intuitive resource-centric and mouse location sensitive GUI. Tidy up your complex and messy diagrams with just one mouse click by using VP-UML's automatic diagram layout technology and yet the unique gesture editing capability makes diagramming a fun task.

Extensibility and Custom Design Support

Extending UML capabilities beyond the latest UML 2.1 is no longer a dream! Now, VP-UML allows you to design new notation or incorporate custom shapes or symbols by using image icon import, UML profile or Visio integration capability. VP-UML CE is for non-commercial use only and only supports one diagram per diagram type. All outputs of VP-UML CE have a single line watermark at the top left corner stating the software is for non-commercial use only.

Key Features

- | | |
|-----------------------------------|------------------------------|
| 1. Full UML 2.1 notations | 2. Requirements management |
| 3. Import/export to XML and image | 4. Intuitive visual modeling |

Pricing

Free of charge

Detail Features

UML Support

1. Class diagrams **ENHANCED**
2. Use case diagrams
3. Sequence diagrams
4. Communication diagrams
5. State machine diagrams
6. Activity diagrams
7. Component diagrams **ENHANCED**
8. Deployment diagrams
9. Package diagrams
10. Object diagrams
11. Composite structure diagrams
12. Timing diagrams
13. Interaction overview diagrams
14. Use case detail editor
15. Use case flow-of-events listing
16. Generate sequence diagrams from flow of events lists
17. Business model use case support

Requirements Management

1. Requirement diagrams
2. Textual analysis
3. CRC card diagrams
4. Identify candidate activity and action by textual analysis
5. Display full set of requirements in tabular view

Database Modeling

1. Entity relationship diagrams
2. ORM diagrams

Visual Modeling

1. Annotation with callout shapes
2. Annotation with freehand shapes
3. Organize model elements and diagrams using Model Explorer
4. Bookmark support

5. Handi-Selection tool
6. Customizable data types for use with multiple programming languages
7. Overview diagrams
8. Resource-centric interface
9. Model sharing
10. Cut, copy and paste
11. Copy diagrams as images for use in other applications
12. Undo and redo options
13. Mouse gestures
14. Reverse connector directions
15. Group creation support **ENHANCED**
16. Jump to feature for selecting a particular shape or model
17. Quick connect feature
18. Easy navigation to connected elements
19. Model commenting
20. Duplicate shapes and models
21. Selectable/non-selectable toggling for shapes
22. Diagram locking
23. Reference to any type of artifact
24. Advanced file and directory selector
25. Advanced tree support
26. Duplicate, move and reconnect connectors
27. Package headers for all types of diagrams
28. Tagged value display toggling for diagram elements
29. Sub-diagrams and reference indicators
30. Rectilinear, round rectilinear, oblique, round oblique and curve connector styles
31. Space reclamation or elimination using Sweeper feature
32. Create shapes with user-defined initial sizes
33. Drag-and-drop creation of shapes using trees in diagrams
34. Auto-fit shape sizes
35. In-line editing
36. Spell checking
37. Visual alignment guides
38. Numerous grid options
39. Diagram information display in diagrams
40. Jump to diagram feature
41. Drag-and-drop copying, moving and reordering of classes and entity members
42. Open view from model element
43. Diagram renaming boxes
44. Add folders as favorites **NEW**

Style and Formatting

1. Customizable shape style and formatting
2. Image incorporation in diagrams
3. Stereotyped element appearance
4. Rich text documentation
5. Add rich text elements to diagrams
6. Shape format copier
7. Enrich model documentation with images
8. Save/load template for model documentation

Printing

1. Print multiple diagrams
2. Preview printable pages
3. Print clip marks
4. Page margin, size and orientation alteration support
5. Fit-to-pages option
6. Fit-to-ratio option
7. Customizable page header and footer
8. Project name and diagram name display in header or footer
9. Print with frame or border support

10. Toggle gradient color printing
11. Quick print support

Layout Facilities

1. Automatic diagram layouts
2. Shape alignment and centering
3. Uniform shape width and height maintenance
4. Automatic shape distribution

Interoperability

1. Import and export XML
2. Export diagrams as JPG, PNG, SVG and EMF image files **ENHANCED**
3. Export diagrams as PDFs
4. Slice exported diagrams into smaller segments

Intuitive User Interface

1. Group diagrams by category
2. Advanced property pane
3. Dockable user interface windows.
4. New project generation using predefined templates
5. Easy-to-use "New Diagram" dialog
6. Flexible zooming
7. Palette-style toolbar
8. Collapsible toolbar
9. Display tool names for toolbar buttons
10. Expand grouped toolbar buttons
11. Display various diagram categories in toolbar
12. Numerous looks-and-feels
13. Import user preferences from existing workspaces
14. Multilingual support
15. Searchable options

Automatic Updates

1. Automatic online updating
2. Maintain local update server with update synchronizer

Open Architecture

1. Plug-in support (Java)
2. VP model and XML interaction

Compare the features included in each edition at
<http://www.visual-paradigm.com/product/vpuml/editioncomparison.jsp?edition=Community>

Related Products



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