

Smart Development Environment Community Edition for Eclipse (SDE CE-EC) is a modeling platform designed for learning UML™ modeling through our best-of-breed and award-winning visual modeling technology that facilitates UML visualization (the latest UML 2.1 notation and all 13 diagrams supported).

Powerful and Easy-to-use GUI

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

Extendibility and Custom Design Support

Extends UML capabilities beyond the latest UML 2.1 is not a dream! Now, SDE-EC allows you to design new notation or incorporate custom shapes or symbols by using image icon import, UML profile or Visio integration capability. SDE CE-EC is for non-commercial use only and only support one diagram per diagram type. All output of SDE CE-EC have single line water mark 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 ENHANCED
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
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 **ENHANCED**
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
45. Display Undo/Redo action names **NEW**
46. Inverse shape selection **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

IDE Integrations

1. Embedded modeling environment in Eclipse

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
3. Export diagrams as PDFs
4. Slice exported diagrams into smaller segments

Intuitive User Interface

1. Group diagrams by category
2. Advanced property pane **ENHANCED**
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/sde/ec/sdeeditioncomparison.jsp?edition=Community>

Related Products



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