

**Smart Development Environment Community Edition for IntelliJ IDEA™** (SDE CE-IJ) 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-IJ'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-IJ'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-IJ 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-IJ is for non-commercial use only and only support one diagram per diagram type. All output of SDE CE-IJ 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 diagram <b>ENHANCED</b>
2.	Use case diagram
3.	Sequence diagram <b>ENHANCED</b>
4.	Communication diagram
5.	State machine diagram
6.	Activity diagram
7.	Component diagram
8.	Deployment diagram
9.	Package diagram
10.	Object diagram
11.	Composite structure diagram
12.	Timing diagram
13.	Interaction overview diagram
14.	Use case detail editor
15.	Use case flow-of-events listing
16.	Generate sequence diagrams from flow of events lists
17.	Select attribute's getter or setter as call message's action <b>NEW</b>
18.	Business model use case support
Requirements Management	
1.	Requirement diagram
2.	Textual analysis
3.	CRC Cards
4.	Identify candidate activity and action by textual analysis
5.	Display full set of requirements in tabular view
Database Modeling	
1.	Entity relationship diagram
2.	ORM diagrams
3.	Conceptual, logical and physical ERD support <b>NEW</b>

## 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 direction
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
35. In-line editing **ENHANCED**
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
46. Inverse shape selection
47. Create new attribute with Enter key
48. Automatic reroute connector when overlapped with other shapes
49. Hide shapes or type of shapes on a diagram **NEW**
50. Visualize related model element **NEW**
51. Enforcing master view between model element and shape **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
9. Display stereotyped model element as image icon **NEW**

## 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
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/ij/sdeijeditioncomparison.jsp?edition=Community>

## Related Products



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