

Diagrams.net (mouse focused) cheat sheet

General mouse shortcuts

Ctrl + Left click	(click on the drawing canvas) Open the context menu
Alt + Wheel up and wheel down or Ctrl + Shift + Wheel up and wheel down	Zoom the drawing canvas in/out
Shift + Wheel up and wheel down	Move the drawing canvas horizontally
Space + Move the mouse or Right click + Move the mouse	Pan drawing canvas

Shape selection

Shift + Left click or Ctrl + Left click	Select/Deselect shapes
Alt + Left click + Move the mouse	(drag the mouse) Force a selection box, no matter what is selected or what shapes are under your mouse cursor
Alt	(as you finish dragging a selection box) Select intersecting shapes
Alt + Left click	When you have shapes or connectors stacked on top of each other, hold Alt and click on the shape to select the next shape down the z-order stack, behind the currently selected shape

Editing shapes

Ctrl + Left click + Move the mouse	Clone a shape
Shift + Left click + Move the mouse	Swap two shapes
Alt	Hold Alt as you move or resize a shape or group of shapes on the drawing canvas to move it smoothly and not 'snap' it to an exact alignment based on the editor grid
Alt + Left click +	Hold Alt then drag and drop a

Move the mouse shape over a container shape to overlap the two shapes instead of adding them to the container shape

Alt + Ctrl + Shift + Left click + Move the mouse (drag from a blank section on the drawing canvas) Insert horizontal and vertical space and move the nearby existing shapes

Resizing shapes

Shift + Left click + Move the mouse	(drag the grab handles on a shape) Maintain proportions on resize
Ctrl	Hold Ctrl and resize a group with your mouse. The outer boundary of the group will be resized, but the shapes inside the group will not. This is called a non-recursive group resize
Alt	Hold Alt and resize a group with your mouse to resize both the group and all of its shapes around its central point

Connecting shapes

Alt + Left click + Move the mouse	(drag and drop the end of a connector) Ignore shape
Shift + Left click + Move the mouse	Hold Shift as you drag the end of a connector and hover over a shape to display only the fixed connection points. Drop the connector on a connection point or at any point inside the boundary of the shape to connect it to that fixed point

Using the shape libraries

Shift + Left click	Hold Shift and click on or drag a shape from the shape libraries. The new shape will have a white fill and a black outline, as per the original diagrams.net default style for shapes and not a custom default style that you have set
Alt + Left click +	Hold Alt and drag a shape from

Move the mouse the library to disable the direction or connection arrows on the existing shapes on the drawing canvas. When you drop the shape, the editor will not try to auto-connect it

Shift + Left click	Select a shape on the drawing canvas, hold Shift and click on a shape in the shape library to replace the selected shape. This is faster than dragging a new shape from the shape library over an existing shape to replace it
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Alt + Left click	Hold Alt and click on a shape in the shape library to add it to the drawing canvas at the bottom left of your diagram, underneath all other shapes
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Normally, when you click on something in the shape libraries, it will be added to the center of your diagram, overlapping any existing shapes at that position

Alt + Shift or Alt + Ctrl	(Select the shape on the drawing canvas that you want to connect a new shape to, then hold this shortcut) Insert and connect a shape
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For more information using keyboard shortcuts in diagrams.net, you may refer to these articles.

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More information: defkey.com/diagrams-net-mouse-shortcuts

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