













# Canvas X Tools









## Selection tools

-  Selection
-  Lasso selection
-  Direct edit lasso selection
-  Direct group selection
-  Direct edit selection
-  Hyperlink pointer























## Rectangle

-  Rectangle
-  Rounded Rectangle
-  Gridmaker
-  Cube
-  Multigon
-  EasyShapes

## Oval









-  Oval
-  Arc
-  Circle 3 Points
-  Arc 3 Points
-  Circle Radius
-  Arc Radius
-  Concentric Circles
-  Spiral

## Painting








-  Paint Brush
-  Paint Object Creator
-  Crop
-  Wand
-  Marquee
-  Lasso
-  Remote Move
-  Pencil
-  Eraser
-  Marker
-  Airbrush
-  Neon
-  Bucket
-  Blend
-  Blur
-  Sharpen
-  Rubber Stamp
-  Smudge
-  Dodge
-  Burn
-  Sponge
-  Red Eye

## Transparency






## Line






-  Line
-  Kinked
-  Smooth Kinked
-  Basic
-  Dogleg Connector
-  Polygon
-  Smooth Polygon
-  Connection Point

## Path












-  Curve
-  Polygon
-  Smooth Polygon
-  Freehand
-  Push
-  Reshape
-  Auto Curve

## Other










-  Hand
-  Magnifying Glass
-  Color Dropper
-  Camera
-  Smart Vector Fill

-  Sprite
-  Radial Transparency
-  Directional Transparency
-  Rectangular Transparency
-  Elliptical Transparency










### Dimensioning

-  Linear
-  Baseline
-  Chain
-  Angle
-  Perpendicular
-  Object Side
-  Radius
-  Diameter
-  Center
-  Area
-  Perimeter













### Text

-  Text
-  Text Object
-  Text Link
-  Text Unlink
-  Link Info
-  Text Path
-  Text Form Field
-  Text Section
-  Text Format Brush

### Markup

-  Markup Highlighter
-  Markup Pen
-  Circle Redline
-  Rectangle Redline
-  Basic Annotation
-  Multiple Sources
-  Multiple Notes
-  Flowchart
-  Speaker Notes

### Miscellaneous

-  Knife
-  Scissor
-  Slice Creator
-  Page Crop
-  Web Button
-  Animated GIF
-  Calendar
-  Create OLE/Active X Control
-  Vector Gradient
-  Registration Mark
-  3D View
-  Attribute Dropper

## Canvas X Menus

 The following menu items in green are only available in Canvas X GIS.

| File                     | Edit                         | Text          | Object                             | Path                        |
|--------------------------|------------------------------|---------------|------------------------------------|-----------------------------|
| New...                   | Undo                         | Font          | Align                              | Edit Path                   |
| Open...                  | Redo                         | Size          | Arrange                            | Live Curve Editing          |
| Close                    | Again                        | Style         | Move...                            | Join                        |
| Browse with<br>ACDSee... | Cut                          | Justification | Scale...                           | Smart Join...               |
| Place...                 | Copy                         | Leading       | Scale by Area/Perimeter...         | Fit Bezier...               |
| Save                     | Paste                        | Kerning       | Group                              | Reduce Points...            |
| Save As...               | Clear                        | Insert        | Ungroup                            | Add Points...               |
| Revert                   | Copy Special                 | Insert        | Make Composite                     | Smooth                      |
| Save to Web...           | Paste Into                   | Picture       | Break Composite                    | Unsmooth                    |
| Automation               | Paste Special...             | Rules...      | Lock                               | Perspective                 |
| Configuration            | Paste Attributes...          | Spell         | Unlock/Unlock All                  | Convert to Paths            |
| Center...                | Paste & Replace<br>Selection | Checker       | Hide Selected Objects              | Convert to Simple<br>Paths  |
| Customize...             | Calibration                  | Type...       | Show All Hidden Objects            | Outline Path Stroke         |
| Symbol Library...        | Find...                      | Wrap          | Treat as Point Object              | Object Path Editor...       |
| Print Area               | Select All                   | Text          | Treat as Regular Object            | Math expression 2-D<br>plot |
| Page Setup...            | Invert Selection             | Merging       | Create Chart...                    | Geometric Export...         |
| Print Preview...         | Duplicate                    |               | Clipping Path                      | Geometric Import...         |
| Print...                 | Duplicate with               |               | SpriteLayers                       |                             |
| Properties...            | Transform                    |               | SpriteEffects                      |                             |
| Exit                     | Replicate...                 |               | Convert to Lens                    |                             |
|                          | Replace Ink                  |               | Attributes...                      |                             |
|                          | Attributes...                |               | Set Default Attributes             |                             |
|                          | Replicate and<br>Position... |               | Edit                               |                             |
|                          | Sequences...                 |               | Options                            |                             |
|                          | Insert Object...             |               | Object Specs...                    |                             |
|                          | Links...                     |               | Object Properties Table<br>View... |                             |
|                          |                              |               | Object Properties...               |                             |
|                          |                              |               | Select by Property...              |                             |
|                          |                              |               | Statistics by Property...          |                             |
|                          |                              |               | Convert Macro File...              |                             |
|                          |                              |               | Export as Symbol...                |                             |

| Layout  | Effects      | Image | GIS       | Window   | Help     |
|---------|--------------|-------|-----------|----------|----------|
| Display | Rotate Right | Mode  | Import... | Palettes | Canvas X |

| Layout               | Effects       | Image                     | GIS                             | Window                   | Help                          |
|----------------------|---------------|---------------------------|---------------------------------|--------------------------|-------------------------------|
| Display Options...   | Rotate Left   | Select                    | Export...                       | Toolbox                  | Help                          |
| Document Layout...   | Horizontalize | Area                      | GIS Document Settings...        | Docking Bar              | Getting Started               |
| Sheets               | Freeform      | Proxy                     | GIS Positioning...              | Show/Hide Toolbar        | Show/Hide Canvas Assistant    |
| Layers               | Flip          | Filter                    | Choose Reference Point          | Show/Hide Properties Bar | Show/Hide Dynamic Help        |
| Views                | Bind Text     | Adjust                    | Tag Selection As                | Window Layout            | Manage acdID Account          |
| Document Scale       | Bind to Path  | Histogram...              | Object Properties...            | Startup...               | Product Support and Resources |
| Document Setup...    | Blend...      | Histogram...              | Object Properties Table View... | Tile Across              | Customer Support              |
| Rulers...            | Colorize...   | Image Measurement...      | Buffer...                       | Tile Down                | ACDSee Products               |
| Slide Show...        | Combine...    | Calculate...              | Select by Property...           | Stack                    | Canvas X Forum                |
| Smart Mouse & Guides | Envelope...   | Add Visibility Mask       | Label by Property...            | Arrange Icons            | Facebook                      |
| Grids and Guides     | Extrude...    | Import...                 | Visualize Data...               |                          | Twitter                       |
|                      | Fractalize... | Export                    | Create Graticule...             |                          | Verify Document...            |
|                      | Offset        | Auto Trace...             | Statistics by Property...       |                          | About Canvas X...             |
|                      | Path...       | DSC Information (EXIF)... |                                 |                          |                               |
|                      | Shadow...     | Image Warp                |                                 |                          |                               |
|                      | Remove        | Path to Selection         |                                 |                          |                               |
|                      | Effects       | Selection to Path...      |                                 |                          |                               |
|                      |               | Show Channels...          |                                 |                          |                               |
|                      |               | Trim to Path              |                                 |                          |                               |

## Canvas X Shortcuts

### Viewing and Navigating

| Action                    | Shortcut  |
|---------------------------|---|
| Scroll with the Hand tool | Hold down the <b>Spacebar</b> and drag in the layout area |

| Action              | Shortcut  |
|---------------------|---|
| Zoom in             | <b>Ctrl+ Alt+ Plus (+)</b><br><b>Ctrl+Spacebar</b> and click      |
| Zoom out            | <b>Ctrl + Alt + Minus (-)</b><br><b>Ctrl+Spacebar+Shift-click</b> |
| Open a context menu | Click right mouse button  |

## Drawing and Creating Objects

| Action  | Shortcut   |
|---|--|
| Snap to 45-degree angles                                  | Hold down <b>Shift</b> as you drag                         |
| Draw from the center                                      | Press <b>Ctrl</b> and drag                                 |
| Copy object   | Press <b>Ctrl</b> and drag object                          |
| Make multiple copies of objects                           | Press <b>Ctrl+Alt</b> and drag                             |
| Copy and resize selected objects                          | Begin to drag a handle and then press and hold <b>Ctrl</b> |
| Copy an object in Freeform mode while rotating or skewing | Press <b>Ctrl</b> as you drag                              |
| Select the previous tool                                  | Hold down <b>Alt</b>                                       |

## Selecting Objects

| Action  | Shortcut   |
|---|--|
| Select all objects created by a particular tool | Select the tool, press <b>Ctrl + A</b>   |
| Select objects touched by a selection box       | <b>Ctrl-drag</b> with Selection tool   |
| Select object behind other objects              | <b>Tab-click</b> where objects overlap   |
| Select object on another layer                  | Press <b>Tab</b> and click object (can be combined with other selection shortcuts) |

## Miscellaneous Shortcuts

| Action                     | Shortcut  |
|----------------------------|---|
| Exit Edit mode             | Press <b>Esc</b> or click outside of the object                           |
| Apply the current fill ink | <b>Ctrl-click</b> vector or text object with the Color Dropper tool       |
| Apply the current pen ink  | <b>Ctrl-right-click</b> vector or text object with the Color Dropper tool |

## Text and Typography

| Action   | Shortcut   |
|--|--|
| Scale all text in a selected text object                                   | Press <b>Alt</b> and drag a handle on the text object                  |
| Open the Type palette  | <b>Ctrl + T</b> or double-click Text tool icon                         |
| Force a line break without creating a new paragraph (insert a soft return) | Press <b>Shift+Return</b>  |
| Move insertion point to...   |  |
| Start of word  | <b>Ctrl + left arrow key</b>   |
| End of word  | <b>Ctrl + right arrow key</b>  |
| Start of a line  | <b>Ctrl+up arrow key</b>   |
| End of line  | <b>Ctrl+down arrow key</b>   |
| Up 3 lines on the left margin  | Press <b>Page Up</b> key   |
| Down 3 lines on the right margin   | Press <b>Page Down</b> key   |
| Select...  |  |
| One character to right or left   | Hold down <b>Shift</b> and press <b>right</b> or <b>left arrow key</b> |
| To end or beginning of word  | <b>Shift+Ctrl+right arrow key</b> or <b>Shift+Ctrl+left arrow key</b>  |
| To beginning of line   | <b>Shift+Ctrl+up arrow</b>   |
| To end of line   | <b>Shift+Ctrl+down arrow</b>   |
| One line above or below insertion point                                    | <b>Shift+up arrow</b><br><b>Shift+down arrow</b>                       |
| Three lines above or below insertion point                                 | <b>Shift+Page Up</b><br><b>Shift+Page Down</b>                         |
| One word   | Double-click the word  |
| From insertion point   | <b>Shift-click</b> at end of selection                                 |
| One line   | Triple-click the line  |
| All text in a text object  | With the insertion point in the text, press <b>Ctrl+A</b>              |

## Painting and Editing Images

| Action  | Shortcut   |
|---|--|
| In Paint Edit mode, set foreground color to black and background color to white | Press <b>C</b>   |
| Swap foreground and background colors   | Press <b>X</b>   |
| Set the opacity for a painting tool (if applicable)                             | Press a number key while the tool is selected; click the tool again                              |
| Crop a paint object (hard crop)   | Press <b>Ctrl</b> and drag a handle on the selected paint object with the Selection (arrow) tool |
| Constrain brush strokes to straight horizontal                                  | Press <b>Shift</b> while you drag a painting tool  |

| Action  | Shortcut  |
|---|---|
| or vertical movement  |   |
| Switch temporarily to the Color Dropper while using a painting tool             | Press <b>Alt</b>  |
| Apply a channel mask to an object, or put an object's channel mask in Edit mode | Press <b>Ctrl</b> and double-click the object                                 |
| Place a paint object in Edit mode when another paint object is in Edit mode     | Press <b>Tab</b> and click the paint object while a painting tool is selected |

## Channels Palette

| Operation  | Shortcut   |
|--|--|
| Add a channel to the current selection                         | Press <b>Shift</b> and drag the channel to the <b>Selection</b> button, or press <b>Alt+Shift</b> and click the channel    |
| Replace an alpha channel with the current selection            | Drag from the <b>Selection</b> button to the channel   |
| Add the current selection to an existing alpha channel         | Press <b>Shift</b> and drag from the <b>Selection</b> button to the channel  |
| Create a new channel   | Click the <b>New Channel</b> button  |
| Delete an alpha channel  | Drag the channel to the <b>trash can</b> icon  |
| Duplicate a channel  | Drag the channel to the <b>New Channel</b> button  |
| Load a channel as a selection                                  | Drag the channel to the <b>Selection</b> button, or <b>Alt</b> -click the channel  |
| Move an alpha channel in the palette                           | Drag the channel up or down in the list  |
| Save the current selection in a new channel                    | Click the <b>Selection</b> button  |
| Select the intersection of the current selection and a channel | Press <b>Shift+Ctrl</b> and drag the channel to the Selection button, or press <b>Shift+Ctrl+Alt</b> and click the channel |
| Subtract a channel from the current selection                  | <b>Ctrl</b> -drag the channel to the Selection button, or press <b>Ctrl+Alt</b> and click the channel                      |
| Subtract the current selection from a channel                  | Press <b>Ctrl</b> and drag from the Selection button to the channel  |
| Make a channel active  | Press <b>Ctrl</b> and a number key. Press zero to select the composite channel   |

## Selecting Painting Tools

| Tool     | Key (press with paint object in Edit mode) | Tool   | Key (press with paint object in Edit mode) |
|----------|--|--|--|
| Airbrush | <b>A</b>                                   | Marquee, Oval Marquee, Row Selection, Column Selection | <b>M</b>                                   |

| <b>Tool</b>   | <b>Key (press with paint object in Edit mode)</b> | <b>Tool</b>         | <b>Key (press with paint object in Edit mode)</b> |
|---------------|---|---------------------|---|
| <b>Blur</b>   | <b>F</b>  | <b>Pencil</b>       | <b>P</b>  |
| <b>Blend</b>  | <b>G</b>  | <b>Paintbrush</b>   | <b>B</b>  |
| <b>Bucket</b> | <b>K</b>  | <b>Remote Move</b>  | <b>V</b>  |
| <b>Burn</b>   | <b>N</b>  | <b>Rubber Stamp</b> | <b>S</b>  |
| <b>Dodge</b>  | <b>O</b>  | <b>Sharpen</b>      | <b>R</b>  |
| <b>Eraser</b> | <b>E</b>  | <b>Smudge</b>       | <b>U</b>  |
| <b>Lasso</b>  | <b>L</b>  | <b>Sponge</b>       | <b>D</b>  |
| <b>Marker</b> | <b>H</b>  | <b>Wand</b>         | <b>W</b>  |
| <b>Neon</b>   | <b>T</b>  |                     |   |

## Editing Vector Paths

| <b>Action</b>   | <b>Shortcut</b>  |
|---|--|
| <b>Place selected path in Edit mode</b>   | Press <b>Ctrl+E</b>  |
| <b>Use the pop-up menu to edit an anchor point or path segment</b>                | Right-button click the path with Selection tool  |
| <b>Add an anchor point to a segment</b>   | Press <b>Ctrl</b> and click a segment  |
| <b>Delete an anchor point</b>   | Press <b>Ctrl+Shift</b> and click the anchor point   |
| <b>Move an anchor point as you place it</b>                                       | Without releasing the mouse button as you set the anchor point, press the Spacebar and drag to move the anchor point   |
| <b>Change the length of both tangent lines of an anchor point at once</b>         | Press <b>Ctrl</b> and drag either tangent line handle  |
| <b>Change an anchor point from smooth to cusp</b>                                 | Press <b>Tab</b> and drag either tangent line handle   |
| <b>Change a cusp point with two tangent lines to a smooth point</b>               | Press <b>Tab</b> and click a tangent line handle to align the tangent line with the other tangent line   |
| <b>Add a tangent line to an anchor point that does not have two tangent lines</b> | Press <b>Tab</b> and drag from the anchor point  |
| <b>Delete one or both tangent lines from an anchor point</b>                      | Press <b>Tab</b> and click the anchor point  |
| <b>Close an open path</b>   | Select an endpoint, then select the <b>Curve</b> or <b>Polygon</b> tool and click the other endpoint. Press <b>Alt</b> and click either endpoint with the Selection tool |
| <b>Change the length of a tangent line without changing the angle</b>             | Press <b>Ctrl+Alt</b> and drag the tangent line handle   |
| <b>Reshape the segment you drag and the adjacent segments</b>                     | Press <b>Alt</b> and drag the segment  |