



Logospruce

The Manual Tracing Plug-in for Adobe® Illustrator®

Version 1.5

© Copyright 2000-2002 Comnet Co., Ltd. All rights reserved.

LogoSpruce and Comnet are service marks of Comnet Co., Ltd. All other product and company names mentioned herein may be trademarks of their respective companies. Product specifications are subject to change without notice. This manual is provided for informational purposes only; Comnet is not liable for its use or misuse. In printed form it may serve as a nice flyswatter.

Table of Contents

Introducing LogoSpruce	1
Registering LogoSpruce	1
System Requirements	2
Installing LogoSpruce	2
Unlocking your copy	4
Any Questions? Ask here.	4
Overview of LogoSpruce Tools and Menus	5
New Menu Options	5
New Tools	6
Quick Reference Chart	6
Tracing & Pen / Drawing / Trimming / One-Touch Guide tools	7
Move to Align Tools	8
Path Conversion / Duplication / Rotation Tools	9
The LogoSpruce Window	10
The LogoSpruce Zoom Functions	10
Using the Auto Guides	11
Using the Tracing / Pen Tools	12
Using the Duplication Tools	13
Using the Drawing Tools	14
Using the Trimming Tools	15
Using the One-Touch Guides	16
Path Conversion Tools	16
Move to Align Tools	17
Raster Rotation Tools	17
Registration Card	18

Introducing LogoSpruce

Thank you for purchasing LogoSpruce, the premier collection of manual tracing and drawing tools for Adobe® Illustrator®.

Perhaps the first question you may ask is “Why should I manually trace anything? With so many auto-tracing tools available, why not use them?” When a sign-maker first suggested this software to us, we thought the same thing, and pestered him with questions. Auto-trace works wonders, he clarified, if you’re starting with a nice, clean image. But, if you’re trying to trace a smudged, faxed, and/or scanned logo, auto-tracing produces an image too rough to immediately use. So, he said, he spends hours editing many of his customers’ logos by hand. In the end, he wondered, wouldn’t it be faster to just do the job manually from the beginning?

Well, we decided to accept his challenge and create a set of manual tracing tools. (Besides, he said he would buy a copy, if it were any good.) After a few months (and more than a small dose of his practical wisdom), we showed him our finished tools.

And he liked them. We hope you do too.

—The LogoSpruce team

Please make sure you have the following:

- Quick Start Guide
- Installation CD
- End User License Agreement

The LogoSpruce User Manual is included on the installation CD-ROM in PDF format. In order to read it, you will need Adobe’s free Acrobat Reader. (If you do not already have a copy, it is available in the Acrobat folder on the CD or from Adobe’s web site: <http://www.adobe.com>)

Registering your copy of LogoSpruce

Please fill out the user registration card on page and send it to our technical support staff by fax or E-mail. Alternately, visit our web site at <http://www.comnet-network.co.jp/eng/register/> and register on-line. By registering your copy of LogoSpruce, you are entitled to free technical support. We will also notify you of upgrades as they are released. If you do not register your software, we cannot guarantee a prompt response to your questions.

System Requirements

Macintosh

- Adobe Illustrator 8.0 or later
- Mac Classic OS 8.0 or later
- Power Macintosh or compatible
- RAM sufficient to run Illustrator
- CD-ROM drive

Windows

- Adobe Illustrator 8.0 or later
- Microsoft Windows 95/98, ME, Windows NT, 2000 or XP
- Intel Pentium or faster processor
- RAM sufficient to run Illustrator
- CD-ROM drive

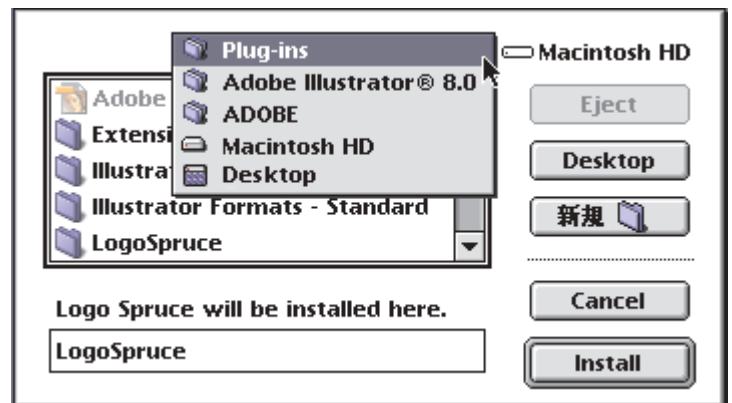
Installing LogoSpruce

Installing LogoSpruce is like installing any other software, with one exception. Since LogoSpruce works in conjunction with Illustrator, it must be installed in Illustrator's plug-ins folder. For more information about Illustrator plug-ins and how to change the plug-ins folders, please see the Illustrator User Guide.

Most of the time, however, the plug-ins folder is in the default location. If you think you haven't changed its location, please follow the instructions below to install LogoSpruce.

On the Macintosh (Windows users: see page 3)

1. Insert the installation CD into your CD ROM drive.
2. Double click on the CD labeled LogoSpruce. It should appear on your desktop automatically.
3. By double clicking on the LogoSpruce Installer icon, launch the LogoSpruce installation program.
4. Please follow the installation instructions as they appear on your screen. When you are asked to assign an installation directory, please choose the Illustrator's plug-ins directory.
5. For example, please see the figure on the right.
6. After finishing the installation, the next time you start Illustrator, you will be asked to unlock your copy of LogoSpruce. Instructions are on page 4.



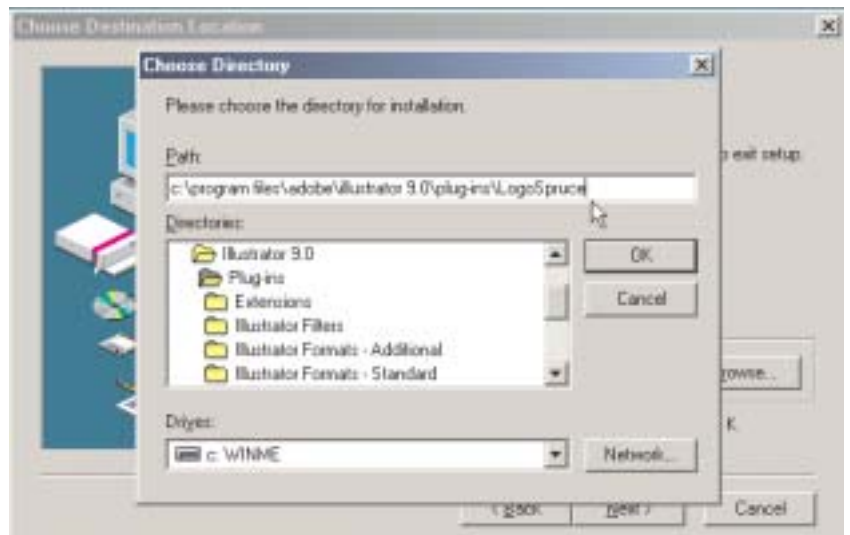
On Windows:

1. Insert the installation CD into your CD ROM drive.
2. Double click on the My Computer icon.
3. In the next window, you should see a CD ROM icon labeled LogoSpruce. By double clicking on it, you will find a “Setup.exe” program. Double click that program to start the installation.
4. Please follow the installation instructions as they appear on your screen. When you are asked to assign an installation directory, please click “Browse” to choose Illustrator’s plug-ins directory.



5. For an example Installation directory, please see the figure below.

6. After finishing the installation, you will be asked to restart your computer. The next time Illustrator is started, you will be prompted to unlock your copy of LogoSpruce. For help, please see the instructions below.



Unlocking your copy of LogoSpruce

The first time you launch Illustrator after installing LogoSpruce, you will be prompted for your registration code. This code can be found on the Quick Start Guide included in your LogoSpruce package. Please be sure to enter your user name and password exactly as it appears on the paper.

If you purchased your copy of LogoSpruce on-line, your key will be mailed to you by your software vendor. If you do not receive a key, or have any questions they cannot answer, please contact us at register@comnet-network.co.jp.

If you don't have a registration key, you can use the demo version of LogoSpruce. However, the tools will only work for a limited time.

After you have entered your user name and password, click register. You are now the proud owner of a working copy of LogoSpruce.

Happy tracing!

Questions? Ask here.

If you have any technical questions about this product after purchase (could not be installed, the installation CD is defective, or you'd like help using LogoSpruce), please let our technical support staff know by sending us an E-mail at support@comnet-network.co.jp. We promise to respond to registered users questions by the next business day.

If you have any questions about your registration code, please contact us at register@comnet-network.co.jp. In your E-mail, please let us know where you purchased LogoSpruce.

Information about software upgrades, user tips, and other information can be found on the Comnet web site: <http://www.comnet-network.co.jp>

Overview of LogoSpruce’s Tools and Menus

After installing LogoSpruce, you will discover new tools and menu options in Illustrator. This next section provides a brief description of LogoSpruce’s menus and tools.

New Menu Items

In the View Menu

Three functions – “Auto Guide (Display)”, “Auto Guide (Object)” and “Erase One-Touch Guide”– are added to the View menu.

View	Window	Help
Artwork		Ctrl+Y
Preview Selection		Ctrl+Shift+Y
Zoom In		Ctrl++
Zoom Out		Ctrl+-
Fit In Window		Ctrl+0
Actual Size		Ctrl+1
Hide Edges		Ctrl+H
Hide Page Tiling		
Hide Template		Ctrl+Shift+W
Show Rulers		Ctrl+R
Hide Guides		Ctrl+;
✓ Lock Guides		Ctrl+Alt+;
Auto guide (Artboard)		Ctrl+Shift+D
✓ Auto guide (Object)		Ctrl+Shift+X
Erase one touch guides		Ctrl+Shift+K
Make Guides		Ctrl+5
Release Guides		Ctrl+Alt+5
Clear Guides		
Show Grid		Ctrl+'
Snap To Grid		Ctrl+Shift+'
✓ Snap To Point		Ctrl+Alt+'
Smart Guides		Ctrl+U
New View...		
Edit Views...		

Auto Guides

Each of the trace tools in LogoSpruce has optional Auto Guides. Auto Guides identify useful points (like end points, midpoints or intersections), and useful directions (like the tangent, 90 degree, or 45 degree). There are also Auto Guides for the artboard. They identify the horizontal, vertical and 45 degree directions with respect to the artboard. Each trace tool can use one or both of the Auto Guides. For more details, please see page 10.

One-Touch Guides

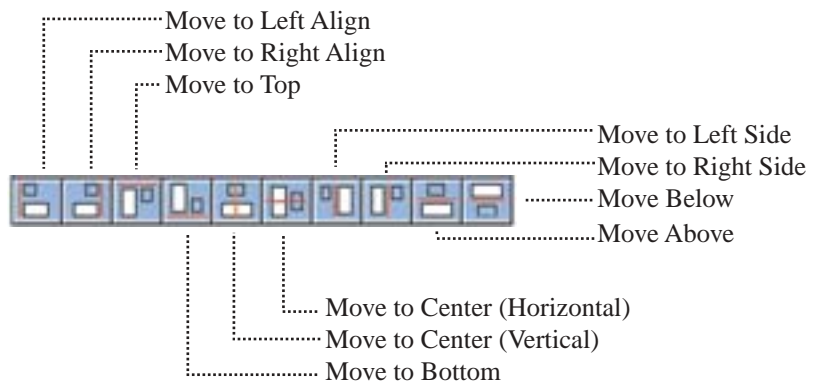
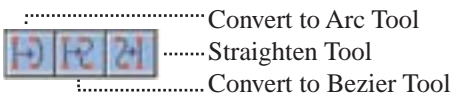
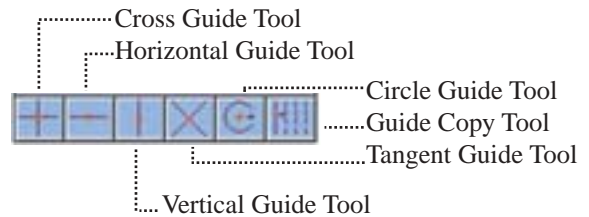
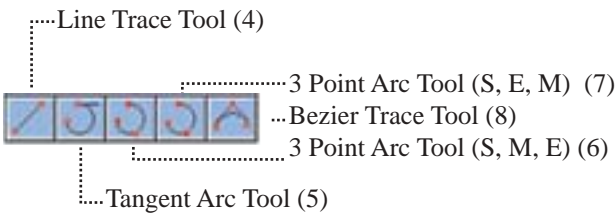
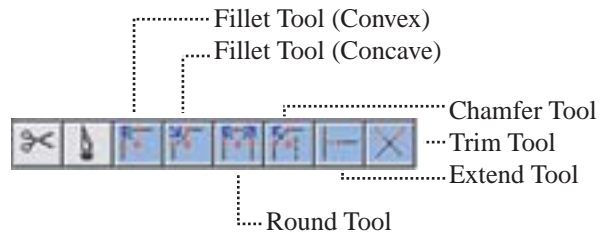
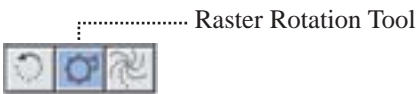
Guides in half the time: Use the One-Touch Guide tools to quickly and accurately place guide objects. The “Erase One-Touch Guide” command deletes all guides created with the One-Touch Guide tools.

In the Window Menu

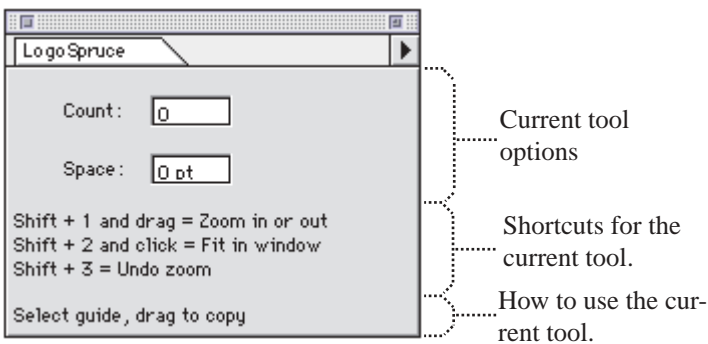
“Show LogoSpruce Window” is added to the Window menu. By selecting Window > Show LogoSpruce Window, the LogoSpruce Window -- the control center, so to speak, for LogoSpruce -- will be displayed. For more information about the logoSpruce window, and how it makes LogoSpruce even easier to use, please see page 9.

New Tools / Quick Reference

Expand your drawing options with LogoSpruce's new tools — let your creativity free!



The LogoSpruce Window



For a brief description of each tool, please see pages 7 and 8.

The window currently shows the Guide Copy Tool options.

Tracing / Pen tools

LogoSpruce's drag and draw family of pen tools.

Line Trace Tool

Use this tool to create straight lines.

Tangent Arc Trace Tool

Use this tool to create an arc tangent to the previously drawn path. By clicking and dragging, you can adjust the radius and length of the arc.

3-Point Arc Trace Tool (S, E, M)

Use this tool to create an arc by specifying a starting point, ending point, and midpoint, in that order.

3-Point Arc Trace Tool (S, M, E)

Use this tool to create an arc by specifying a starting point, midpoint, and ending point, in that order.

Bezier Trace Tool

Use this tool to create a Bezier curve by specifying a starting point, ending point, and an apex connecting these two points.

Tangent Bezier Trace Tool

Use this tool to create a Bezier curve tangent to the previously drawn path by specifying a starting point, ending point, and a connecting apex.

For more information, please see page 12.

Drawing Tools

Increasing the number of shapes you can draw, quickly and easily.

Boxed Ellipse

Draw ellipses with a guide illustrating the bounds.

Inclined Ellipse Tool

Use this tool to create an inclined ellipse.

2-Point Circle Tool

Use this tool to create a circle between 2 user-defined points.

Inclined Rectangle Tool

Use this tool to create an inclined rectangle.

For descriptions and examples of how to use LogoSpruce's Drawing tools, please see page 14.

Trimming Tools

Path editing tools, with point and click ease of use.

Fillet Tool (Convex)

With this tool, round corners of rectangles or other polygons.

Fillet Tool (Concave)

Use this tool to remove corner sections from rectangles or other polygons.

Round Tool

Use this tool to round the end of a rectangle or other polygon. Similar to the convex Fillet tool, however this tool involves three sides.

Chamfer Tool

When used on rectangles or other polygons, this tool allows you to cut off corners in a straight line.

Extend Tool

Extend a path such that it reaches the nearest intersecting path.

Trim Tool

Use this tool to shorten path segments to the nearest intersecting path.

For descriptions and examples of how to use LogoSpruce's Trimming tools, please see page 15.

One-Touch Guide Tools

With a click of the mouse, use these tools to easily create ruler-style guides.

Cross One-Touch Guide Tool

Use this tool to create a cross-shaped guide with one touch of the mouse.

Horizontal One-Touch Guide Tool

Use this tool to create a horizontal guide with one touch.

Vertical One-Touch Guide Tool

Use this tool to create a vertical guide with one touch.

Tangent Line One-Touch Guide Tool

Using this tool, create guides tangent to the path of your choice.

Circle Guide Tool

With this tool, draw a guide in the shape of a circle.

One-Touch Guide Copy Tool

Use this tool to easily copy guides created with any of the One-Touch Guide tools.

For suggestions how to use the One-Touch guides, please see page 16.

Move to Align tools

Use this family of tools to align an object or group of objects to another object. They differ from Illustrator's align pallet, because the second object doesn't move!

Move to Left Align

Use this tool to align the left side of an object with the left side of a second object, without moving the second object.

Move to Right Align

Use this tool to align the left side of an object with the left side of a second object, without moving the second object.

Move to Top

Use this tool to align the top of an object with the top of a second object, without moving the second object.

Move to Bottom

Use this tool to align the bottom of an object with the bottom of a second object, without moving the second object.

Move to Center (Vertical)

Use this tool to align an object to the vertical center of a second object, without moving the second object.

Move to Center (Horizontal)

Use this tool to align an object with the horizontal center of a second object, without moving the second object.

Move to Left Side

Use this tool to align the right side of an object with the left side of a second object, without moving the second object.

Move to Right Side

Use this tool to align the left side of an object with the right side of a second object, without moving the second object.

Move Above

Use this tool to align the bottom of an object with the top of a second object, without moving the second object.

Move Below

Use this tool to align the top of an object with the bottom of a second object, without moving the second object.

For a more detailed description of how to use the Move to Align tools, please see page 17.

Path Conversion Tools

Convert to Arc Tool

This tool can be used to change any path segment (or segments) into an arc.

Convert to Bezier Tool

This tool can be used to change any path segment (or segments) into a bezier.

Straighten Tool

Automatically straighten any section of path between two points of your choice.

For more information about the Path Conversion Tools, please see page 16.

Duplication tools

Circle Copy Tool

Make multiple copies around an object.

Mirror Copy Tool

Reflect a copy of an image along the axis of your choice.

Grid Copy Tool

Make multiple copies of an object in a grid formation.

For more information, please see page 13.

Rotation Tool

Raster Rotation Tool

Use this tool to align a raster image for tracing..

For an example, please see page 17.

The LogoSpruce Window

The LogoSpruce Window serves as the locus of information for LogoSpruce - part control center and part information booth, the LogoSpruce window is designed to both help you learn how to use LogoSpruce as well as control it.

Using the LogoSpruce Window for control

Many of the tools in LogoSpruce have settings that you can change, or need to set before using the tool. To make it faster to change those settings, each tool's options will appear in the LogoSpruce window when you are using that tool. For example, if using the Convex Fillet Tool, the LogoSpruce Window will show the radius of the fillet you draw. Alternately, if you are using the Guide Copy tool, the window will have places for you to enter the number of copies and the distance between them.

Using the LogoSpruce Window for information

The LogoSpruce Window is not only used for control. It also includes a variety of tips on how to use each tool, as well as general short-cut keys for LogoSpruce. To display the tool tips, choose Show Tool Tips from the LogoSpruce Window palette menu. (The palette menu can be accessed from the little triangle in the upper right hand corner of the palette.)

The tool tips are broken into two sections. The first section are general shortcut keys that are applicable when using the selected tool. For example, by pressing Shift + 1 when using any of the tracing / pen tools, you can zoom in on a particular section of your artwork. The second section is a series of instructions on how to use the individual tool. In general, they are step by step instructions, which change as you use the tool. After becoming comfortable with LogoSpruce, you can quickly turn the tool tips off, leaving only the Control center portion of the LogoSpruce Window open.

LogoSpruce Zoom functions

LogoSpruce's Tracing / Pen tools have a special zoom function slightly different than Illustrator's zoom function. It allows you to zoom in on a particular portion of the artwork multiple times, and "unzoom" to the previous zoom level at any time. So, if you zoom in on a segment of artwork, edit it, then discover you want to have an even closer look, you can zoom again. After you have finished with the detail work, you can "unzoom" to your last zoom level. For example, say you are working with your artwork at 100%. Using the LogoSpruce Zoom, you zoom in on a section of artwork at 250%. Then, you discover that to delete a particular point, you need to zoom in again, to approximately 700%. After finishing deleting the point, you can "unzoom" quickly to the previous zoom level of 250%, viewing the previous screen.

To use the zoom function:

1. Make sure you are using a LogoSpruce trace / pen tool.
2. Press Shift +1, then click and drag over the section of artwork you would like to zoom in on, making sure to drag from the upper left hand corner to the bottom right.
3. Repeat as necessary.

To Unzoom:

1. Press Shift + 2 to return to the previous zoom level.
2. Repeat as necessary.

You can also zoom to fit the artwork in the window at any time by pressing Shift + 3, then clicking on the artwork.

Note that the zoom tools will only work with LogoSpruce's tools, and not with Illustrator's pen tool.

Using Auto Guides

LogoSpruce's tracing tools have "snap-to" Auto Guides, to assist you in tracing images. The Auto Guides identify various directions, such as perpendicular or 45 degree directions, and useful points on an object, such as mid-points, tangent points and endpoints.

When the Auto Guides are activated, the cursor changes to show when your mouse is in the corresponding position. In Figure 1 you can see all of the possible directional Auto Guides for an object.

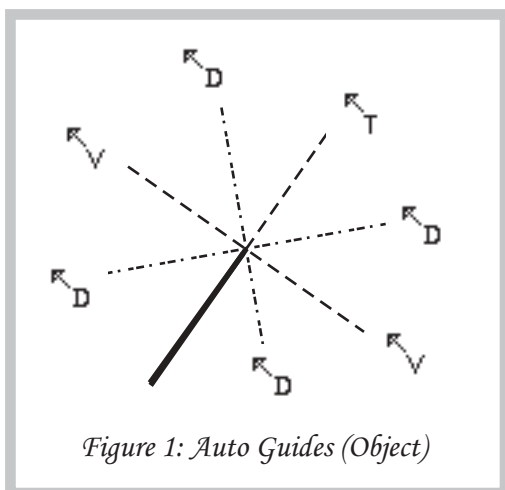


Figure 1: Auto Guides (Object)

Activate the Auto Guides by selecting View > Auto Guides (Object). Alternately, select View > Auto Guides (Artboard) to activate Auto Guides with respect to the artboard. The Artboard Auto Guides shortcut key is Ctrl + Shift + H (Windows) or Command + Shift + H (Macintosh). Similarly, the Object Auto Guides can be activated by Ctrl + Shift + I (Windows) or Command + Shift + I (Macintosh). Both types of Auto Guides can be used simultaneously.

Note: In Illustrator 9.0, the Object Auto Guide shortcut key is Ctrl + Shift + U (Windows) or Command + Shift + U (Macintosh).

The Auto Guide cursors

Auto Guides for Objects and Paths



End Point

Indicates the end point of a line segment.



Midpoint

Displayed when the cursor is over the midpoint of a straight path segment.



Tangent Line

Indicates that the cursor path position is in the tangent line direction with respect to the immediately preceding path segment.



45° Direction

Indicates that the cursor path position is in the direction 45° from the immediately preceding path segment.



90° Direction

Indicates that the cursor path position is in the direction 90° from the immediately preceding path segment.



Intersection with Path

Indicates that the cursor position is over a path segment.

Auto Guides for the Artboard



45° Direction

Indicates the cursor path is at a 45 degree angle with respect to the artboard.



Horizontal

Indicates that the cursor path is parallel to the base line of the artboard.



Vertical

Indicates that the cursor path is perpendicular to the base line of the artboard.



Guides

Indicates that the cursor is over a guide.



Guide Intersection

Indicates that the cursor is at the intersection point of two guides.

Using the Tracing Tools

LogoSpruce's tracing tools are the basic tools used for tracing a logo or design. A key difference between Illustrator's pen tool and LogoSpruce's tracing tools, is you can preview the line before you draw it.

In the trace tool pallet, there are three main types of tools: a straight line, an arc, and a bezier curve. With two related tools, the Tangent Arc tool and the Tangent Bezier tool, you can quickly draw arcs that intersect with previously drawn lines seamlessly.

Since most logos are not just a set of straight lines, there are shortcut keys to allow you to switch between tracing tools quickly. Any time you are using one of LogoSpruce's tracing tools, by pressing a number key between 4 and 8, you can switch between any of the trace tools.

Also, to speed up your tracing, if the Auto-guides are on and you start a traced line by clicking either end-point of a previously drawn path, you can add additional segments to that path quickly and easily.

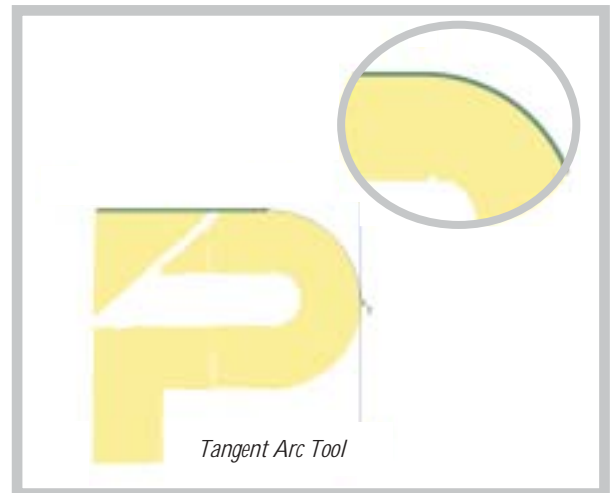
Line Tracing Tool

Use the Line Trace tool, instead of the Pen or Pencil tool, when you need to trace straight lines. Begin drawing by clicking to define a start point, then click and drag the cursor to draw a straight line. You will see the line as you drag the cursor. When you release the mouse button, you have "drawn" the line. If you don't de-select the object you are currently drawing, you can continue to trace by clicking additional points.

By pressing the Shift key, the possible directions of the path will be fixed to either the same direction as the path drawn immediately before, or to a direction perpendicular to that path.

Tangent Arc Trace Tool

Use the Tangent Arc tool to draw an arc in the tangent line direction of the immediately preceding path segment. This is particularly useful when trying to draw arcs that intersect smoothly with a straight segment.



3 Point Arc Trace Tool (S, E, M)

Use this tool to draw an arc by specifying 3 points: the starting point, ending point and a point in the middle, in that order. Just so there is no confusion — middle is defined loosely, because it's easier to remember; the middle point may not actually bisect the arc.

Pressing and holding the Shift key allows you to draw a Tangent Arc without changing tools.

3 Point Arc Trace Tool (S, M, E)

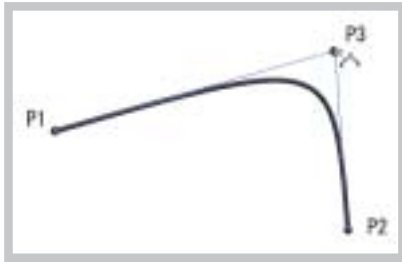
Use this tool to create an arc by specifying 3 points: the starting point, a middle point, and ending point, in that order.

As with the other 3 Point Arc Tool, pressing and holding the Shift key allows you to draw a Tangent Arc without changing tools.

Bezier Trace Tool

Use this tool to create a Bezier curve by specifying a starting point, ending point, and an apex point connecting the starting and ending points. If you click and drag when defining the apex point, you can modify the curve's position.

In the example on the right, P1 and P2 are the first two points created. Then, by clicking at P3 (the apex point), the Bezier line appears.



Pressing and holding the Shift key will draw a Tangent bezier instead.

Tangent Bezier Tool

Use this tool to create a Bezier curve by specifying a starting point, ending point, and an apex point connecting the starting and ending points. This tool works in the same way as the Bezier Trace tool, but a Bezier curve can only be created with respect to the tangent direction of a straight line path. Using this tool to draw a curve makes it possible to easily create a path that smoothly connects to a curve.

Copy tools

Many images have patterns within them. For example, a tree may have a trunk and a collection of leaves. When re-illustrating an image, instead of redrawing that object multiple times, LogoSpruce provides a few tools to copy the object quickly and easily.

Copying objects around a circle, square, or other polygon:

1. Select the object you wish to copy.
2. Choose the Circle Copy Tool from Illustrator's toolbox.
3. In the LogoSpruce window, enter the number of

copies you would like to make. Additionally, enter your desired angle between the objects.

4. Finally, select the object around which you would like the objects appear.

It is also possible to reflect a copy of an object across an axis of your choice. This is particularly useful when making symmetric artwork, or tracing symmetric objects.

Making a mirror copy

1. Select the object you wish to copy.
2. Choose the Mirror copy tool from Illustrator's tool box.
3. Using the Mirror Copy tool, draw the axis across which you wish to copy the object.

The final tool in LogoSpruce's copy tool collection is the grid copy tool. This tool allows you to copy any object in the form of a grid. To use the grid copy tool, it is important to have the LogoSpruce window showing.

Making grid copies

1. In the LogoSpruce window, enter the number of copies and the spacing between them.
2. Click on the object you want to copy, then drag in the direction you would like to copy.

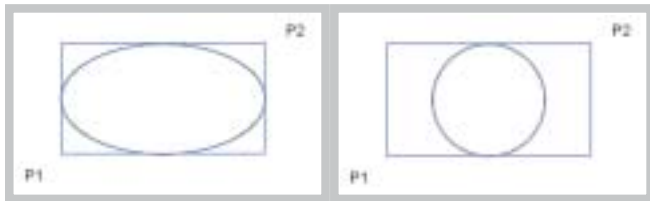
Using the Drawing Tools

When tracing an object, certain shapes are used more often than others. To help you draw those shapes more easily, LogoSpruce has a few new drawing tools.

Boxed Ellipse Tool

Use this tool to create an ellipse by specifying opposing angles of a rectangle that defines the ellipse size. This tool is often used to trace a distorted ellipse in a raster drawing. When used in conjunction with the One-Touch Guides (described later), this tool can be used to easily trace circular shapes.

To specify the rectangle, click P1 and P2, in that order, as shown in the example on the left. The ellipse appears within the rectangle; note that the rectangle disappears when you have finished drawing the ellipse.

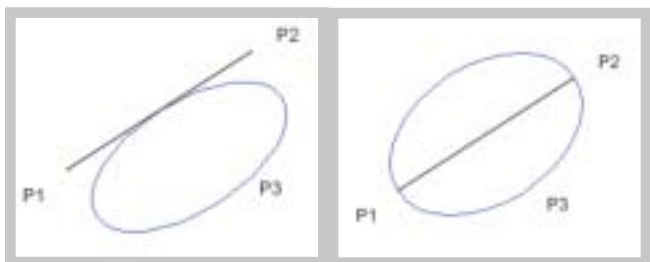


Press and hold the Shift key to create a circle inside the bordering rectangle. The diameter of the circle will always equal the shorter of the rectangle's two sides.

Inclined Ellipse Tool

This tool is used in much the same way as the ellipse tool in Illustrator. However, ellipses drawn with this tool are oriented along an angle of your choosing.

First, using the Inclined Ellipse tool, draw the baseline. This line determines the orientation of the ellipse. Then, by clicking and dragging, draw the inclined ellipse. It might help to think of this as “pulling” the ellipse from baseline.



If you press and hold the Shift key, the ellipse will be centered on the baseline.

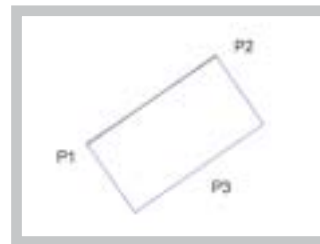
2-Point Circle Tool

With the 2-Point Circle tool, quickly draw circles by clicking and dragging. The distance between the point where you first click and the point where you release the mouse becomes the diameter of the circle.

Inclined Rectangle Tool

Similar to the Inclined Ellipse tool, the inclined rectangle tool is used to create a rectangle oriented to an angle of your choice. To easily draw an inclined rectangle:

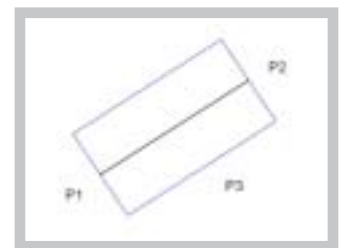
1. Click and drag the cursor to draw the baseline.
2. Click a point away from the baseline to draw the rectangle.



As shown in the figure to the left, click P1 then drag the mouse to P2, to create a straight line that corresponds to the angle of the inclined rectangle.

Next, drag the cursor path to P3 to create an inclined rectangle with the lines defined by P1 and P2 as its base.

Press and hold the Shift key to create an inclined rectangle centered along the baseline.



Using the Trimming Tools

To make editing paths and objects faster, LogoSpruce has included a variety of trim tool and extension tools. These tools let you quickly delete paths or sections of paths, often with only a single click.

The trimming tools consist of three tools that can be used with corners (or corner-like sections) of paths, a tool to round three edges, and a general path Trim Tool.

Convex and Concave Fillet Tools

Use the Fillet tool to fillet corners of squares, rectangles, or other polygons.

By choosing the Window > Show LogoSpruce Window menu item, you can display the LogoSpruce Window (LS Window). If the LS Window is displayed, the Convex Fillet Tool settings will be displayed. There is an input area for entering the fillet radius and a check box for selecting whether or not the specified radius is to be applied to the fillet. How you draw a fillet differs depending on whether or not the “Use Radius” box is checked.

If you use the Concave Fillet Tool, the corner point becomes the center of the fillet diameter, with the fillet rounding inward, as in the lower right hand corner of the image below.



Creating a Fillet by Specifying the Arc Radius

If the “Use Radius” box is checked, you can create a fillet with the specified value as its radius by clicking 2 straight lines.

Freehand filleting

If “Use Radius” is not checked, the radius of the fillet is by dragging the mouse. Select the first and second straight lines in the same way as when applying the specified radius. You must also select a third point that indicates the center of the arc that will create the fillet. By dragging the cursor, preview the fillet.

When drawing a fillet radius freehand, you can still use the radius set in the fillet settings by pressing shift. The previewed fillet will automatically snap to the set radius.

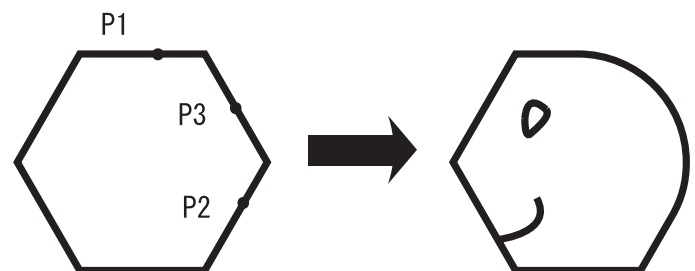


The Chamfer Tool

The Chamfer Tool is nearly identical to the two Fillet Tools, except instead of cutting on an arc, the Chamfer cuts on a straight line. Similarly, you can also set the distance by which you cut the path.

The Round Tool

If you select any three adjacent sides of a polygon, you can round them to form an arc. It is important to select the paths in the correct order: the first path, an opposite path, then the path segment between those two paths.



After clicking on P1, click on P2 and P3 (left) to create the rounded hexagon (right).

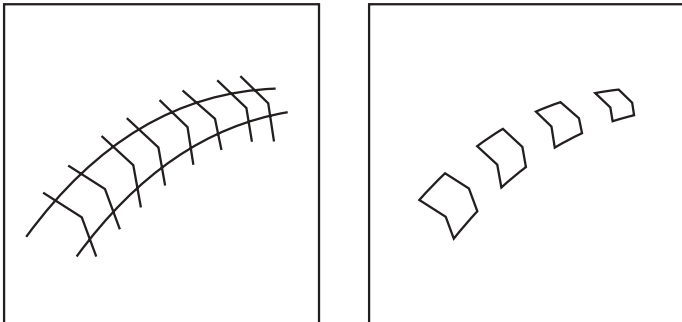
The Trim Tool

With the trim tool you can quickly delete paths or sections of paths, with the click of a button. This is particularly powerful when tracing (since you draw farther than you need, then quickly trim the paths down to size) or for general editing, when you decide you want to shorten some artwork.

If two paths are trimmed such that their end points match, the path will be automatically joined to create a single path.

Using the Trim Tool

1. Select **all** the paths you want to edit.
2. Click on the path sections you would like to delete.



Sometimes it's easier to trace an image roughly (left) and then edit later. Select all the paths, then trim the portions you don't need (right).

LogoSpruce's Extend Tool

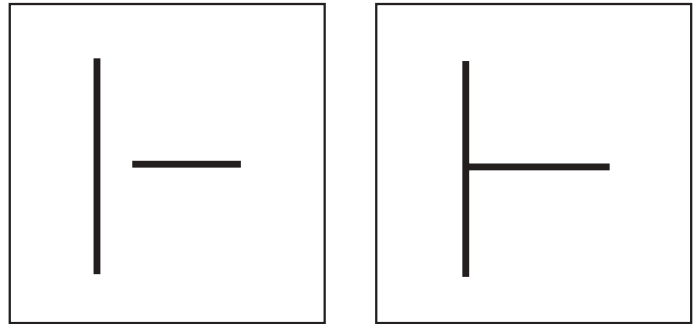
When working on your artwork, you may prefer to work at a page size view most of the time, only zooming in for detail work. Once you've zoomed in, it's easy to discover little points where the paths don't meet exactly, or previous editing has left a gap between objects.

LogoSpruce's extend tool allows you to quickly extend a path to meet an intersecting path.

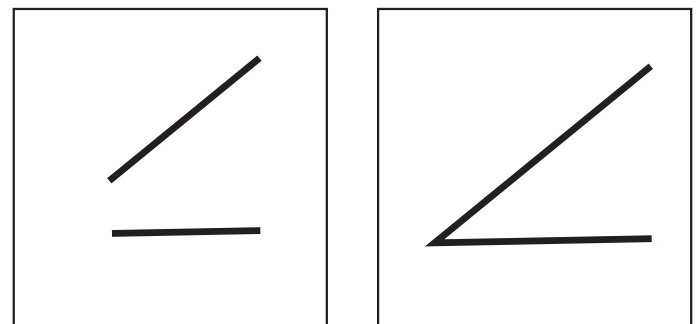
Using the Extend Tool

1. Select both the path you would like to extend, and which path you would like it to terminate on, using the Selection tool.
2. Using the Extend tool, click on the path you would like to extend.

The extend tool can be used to either extend a single path or extend two paths into a new intersection. Curved paths can also be extended to intersect with themselves.



Before (left) and after (right) using the extend tool.



Extending two paths to meet at a corner.

Using the One-Touch Guides

The one touch guide tools allow you to place guides quickly and easily, in a variety of positions: angled, horizontal, or vertical. With each of the One-Touch Guide tools, you can preview the guide location before placing it, by clicking and dragging. When the mouse button is released, the One-Touch Guide is placed.

To quickly erase all One Touch Guides, choose View > Erase One Touch Guides. **Note:** This will only erase guides created with the One Touch Guide tools. However, the View > Clear Guides command will clear both regular guides and One Touch Guides.

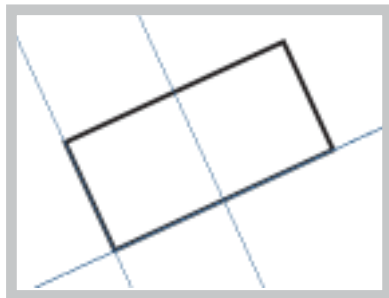
When using the Horizontal, Vertical, or + One Touch Guide tools, their orientation can be changed by pressing the Option key (Macintosh) or the Alt key (Windows) and dragging the mouse in the direction you would like to rotate the guide.

Create guides with the same orientation as the last guide placed by pressing the Shift key when placing the new guide. This works for any of the above guides.

Tangent One-Touch Guides

To use the Tangent One Touch Guides most effectively, you must also activate the Auto-Guides (Object) found in the View menu.. When the Auto-Guides identify a path the One-Touch Guide will snap to align itself with that path.

The Tangent One Touch guides also snap to endpoints or midpoints of a path.



When placing a Tangent One touch guide at the intersection point of two paths, by pressing the Option key (Macintosh) or the Alt key (Windows), select which path the guide should follow.

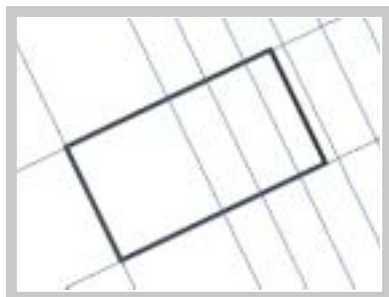
One-Touch Guide Copying Tools

The One-Touch Guide Copy tool allows you to create a series of guides in a few short steps.

After selecting the One-Touch Guide Copy tool, enter the guide spacing distance and the number of copies you would like to make, in the LogoSpruce Window.

Note: the number of copies does not include the guide being copied.

After entering your desired number and spacing, select the One-touch guide you would like to copy, then drag in the direction to copy. If you would like the guides to appear to the right



(or above) then drag to the right (or above). Similarly, for the left (or below), drag to the left (or below).

LogoSpruce also has a Circle One-Touch guide tool. When using that tool, the first click becomes the center of the guide. Next, while holding the click, drag the guide to the desired diameter.

Using The Path Conversion Tools

On occasion, when editing a piece of artwork, you may discover that you would like to convert a straight path into an arc, or back again, without changing the surrounding artwork. With LogoSpruce's conversion tools, the job is finished with a few clicks of the mouse.

Converting a path:

1. Click on the end points of the path segment you wish to convert with one of the conversion tools.
2. Using the same conversion tool, click on the path segment, then drag to the new position.

Using the Move to Align Tools

The Move to Align family of tools are the standard alignment tools with a new twist. When using Illustrator's alignment tools to align two or more objects, the objects would be aligned with each other, on an equal footing.

However, there was no way to guarantee that any of the objects would stay in its initial position. Particularly, when laying out text, it's extremely common to align an individual piece of text on the page (or in the artwork) and then, when the text is edited, find you need to align an additional object to a previously positioned object, without altering the previous layout. These tools allow you to do just that.

Aligning an object to a reference point

1. Do one of the following:
 - Select an object with the selection tool.
 - Select a group of objects with the selection tool by either selecting an area or shift-clicking with the selection tool.
2. Choose the Move To Align tool you would like to use.
3. Click on the object you would like to use as a reference point. The selected objects will move to align with that object; the object serving as the reference point will not move in position.

Using the Raster Rotation Tool

Last, but certainly not least in LogoSpruce's box of tricks are the Raster Image Rotation tool.

Raster Image Rotation Tool

When a raster image to be traced needs to be squared with the artboard before tracing, use the Raster Image Rotation tool. Drag the Raster Image Rotation Tool along the edge to be squared. Upon releasing the mouse button, the image is rotated so that the dragged line aligns squarely in the horizontal or vertical direction.



Registering LogoSpruce — Please register!

Title: Mr. Ms. Dr. Other: _____

Name: _____

E-mail: _____

Company: _____

Address 1: _____

Address 2: _____

City: _____ State: _____

Country: _____ ZIP/Postal Code: _____

Phone: _____ Fax: _____

Operating System: Mac 8 Mac OS 9 Mac OS X

Windows 95/98/ME Windows NT/2000 Windows XP

Illustrator version: 7 8 9 10

Date of purchase: _____ Purchase place: _____

Would you like to be contacted about upgrades or updates? Yes No

How did you first hear about LogoSpruce? 1. Friend 5. Review
2. Print Advertisement 6. Direct mail
3. On-line advertisement 7. E-mail
4. Trade show

Please complete and fax this card to: +81-78-232-4033 (outside of Japan)
078-232-4033 (within Japan)