# SliceAndDice<sup>TM</sup> Online Manual

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This document is searchable online from SliceAndDice's Help menu.



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### Overview

Got an image that you want to use for navigation on your web site? Want to turn images directly into web pages? [SCREENSHOT]

In the past, web page designers would spend hours in PhotoShop, carefully dividing images into smaller subimages, then creating an HTML table to put the subimages back together, then editing the HTML to add a URL to each subimage. (Here's an article on the subject.)

SliceAndDice automates that process.

Simply drag in an image, drag on horizontal and vertical cut lines, and drag on or type in URLs for each subimage. SliceAndDice will subdivide your image, create an HTML Table with the subimages and links, and display the reassembled image in your web browser.

Add a second image and SliceAndDice will automatically write the JavaScript to create rollovers that show the second image when the user's mouse is over a subimage.

Substitute any image (including animated GIFs) for any of the subimages.



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### Features

#### SliceAndDice lets you easily:

- · Divide images into subimages, each of which can have its own URL
- Create navigation bars and ersatz image maps
- Create JavaScript rollovers
- Replace subimages with other images, including animated GIFs.
- Drag and drop images and subimages
- Crop images
- Control the output image format: choose JPEG, GIF, TIFF, or PNG with control over compression, interlace and dithering
- Edit the HTML produced by SliceAndDice because the output is extremely readable
- Give each subimage a name or use SliceAndDice's automatic and convenient naming by row and column position.



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### **Quick Start**

To get an overview of what SliceAndDice can do, choose Samples->Freehand Bar. Then choose File -> Slice & Dice and type in a new folder name. Your web browser will display the HTML file and images created by SliceAndDice.

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Now try it yourself...



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#### **Quick Start**

1. Open an image. Drag an image file into Slice & Dice's document window or choose **Samples -> Try This**.

2. Divide the image by dragging dividers from the Horizontal and Vertical Divider wells in the document window.





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### **Quick Start**

3. Optional: Group the subimages.

4. Optional: <u>Add a second image</u> that will be displayed when the viewer's mouse rolls over a subimage.

5. Add URLs and alternate text to the subimages. Double-click on a subimage and type in the URL and alternate text in the Inspector Panel.

	-
Alternate Text	

6. Create the subimage files and the HTML to reassemble the subimages. Select **File -> Slice & Dice** and enter a folder name for the HTML and subimages. Your web browser will open the HTML so you can see the results. Use your browser's View Source command to copy the HTML to use in your web pages.





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#### Slicing Your

Image Opening/Cropping/ Dividing/Selecting/ Grouping/Naming/ URLs/ AlternateText/ Spacers/ Alternate Images/ Rollovers

### Slicing Your Image: Opening An Image

To open an image in SliceAndDice, you can:

Choose **File** -> **Open Image...** and select an image file in the Open Panel (Slice & Dice can open TIFF, EPS, GIF, JPG, and PNG image formats)

If you don't already have an open document window, choose **File -> New**. Then you can:

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Drag and drop any image onto the document window

Paste any image into the document window



Untitled



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### **Slicing Your Image: Size Information**

The Document Tab on the Info window shows the size of the image and the number of rows and columns that you have created by dividing your image.

Width:	148	# Rows:	1	
Height:	252	# Columns:	1	



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### **Slicing Your Image: Cropping**

If you only want part of your image to be displayed, you can crop your image within SliceAndDice.

To crop your image, hold the **Command** key while you click and drag over the image.

When you release the mouse button, the portion of the image that you've selected will be automatically copied into the pasteboard. Also, your selection will be outlined in a flashing rectangle.





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### **Slicing Your Image: Cropping**

You can paste the copied image into the original window (**Command**–**v** or **Edit**–**>Paste**). A dialog box will appear asking if you want to create a new document or replace the existing image.



If you replace the existing image, any previous slices that you've made will remain.





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### Slicing Your

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## **Slicing Your Image: Dividing**

#### To divide an image:

Drag a "divider" from the Horizontal or Vertical Divider Well and drop it onto the image. The image will be divided at that point.

Dividers can be repositioned and removed.

To **move a divider**, click on the divider and drag it to its new location.

To **remove a divider**, click on the divider and drag it off the image.

If the image is so small that

visible, a Divider Palette will

be displayed. Dividers can be dragged onto your image from

the Divider Wells are not

the Divider Wells on the

palette.

**Divider Palette** 



Vertical Divider Well

#### Horizontal Divider Well





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Slicing Your Image Opening/Cropping/ Dividing/Selecting/ Grouping/Naming/ URLs/ AlternateText/ Spacers/ Alternate Images/ Rollovers

### Slicing Your Image: Selecting Subimages

To **select a subimage**, click in it. The selected subimage will be clearly indicated with blue rectangles.

When a single subimage is selected, the Sub Image Tab of the Info window will show the size of the subimage and its row and column location.

Width:	76	Row:	2	
Height:	102	Column:	2	





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#### Slicing Your

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### Slicing Your Image: Selecting Multiple Subimages

To **select more than one subimage**, you can:

Click and drag out a selection.

Hold the shift key as you click on unselected subimages.

To remove a subimage from the selection, hold the shift key as you click on the selected subimage.

To deselect all subimages, choose **Edit->Select None (Command-0)**.





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#### Slicing Your Image

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### Slicing Your Image: Grouping Subimages

Groups allow you select any rectangular subset of subimages and combine them into one larger subimage.

With groups, you can combine subimages that share the same URL and minimize the number of subimages that are created.

#### To group subimages

1. Select the subimages you want to include in the group.

2. Choose **Edit->Group** (**Command-G**). The selected subimages must form a rectangle. If they do not, the menu item **Edit->Group** will not be available.



Not a rectangle, so the subimages cannot be grouped.

A rectangular selection can be grouped.







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### Slicing Your

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## Slicing Your Image: Grouping Subimages

Not a rectangle, so the subimages cannot be grouped.



A rectangular selection can be grouped.



If any of the selected subimages have a URL, that URL will be the group's URL.

If more than one selected subimage has a URL, the group's URL will be the URL of the first subimage selected.

To ungroup a group of cells:

Select the group and choose Edit->Ungroup (Shift-Command-G).

If the group has a URL and/or Alternative Text, that information will be copied to each of the subimages.



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## Slicing Your Image: Subimage Info

The Sub Image tab of the Info window lets you name subimages, attach a URL and alternate text, and replace the subimage with a different image.

To bring up the Subimage tab, choose **Tools -> Info** and click on the Sub Image Tab.

**Shortcut:** Doubleclicking on a subimage or group both selects it and brings up the Subimage tab.

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URL				
Alternate	Text			
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Use a Copy and Width:	spacer i I use th 62	instead of i is image in Ri	mage stead	2 1: et



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### **Slicing Your Image: Naming Subimages**

You can give a name to each subimage. This will become the subimage's **file name** and the name used in the **HTML output**. All non-alphanumeric characters in the name will be replaced with underscores. For example, "The Wizard's Head" will become "The\_Wizard\_s\_Head."

To **name a subimage**, select the subimage or group and type a name into the Image Name field in the Sub Image tab. If more than one subimage is selected, the Image Name field will be inactive.

Image Name	



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#### Slicing Your Image Opening/Cropping/ Dividing/Selecting/ Grouping/Naming/ URLs/ AlternateText/ Spacers/ Alternate Images/ Rollovers

## Slicing Your Image: Adding URLs

You can add a URL to a subimage or group. SliceAndDice will add a link to that subimage in the HTML so that when the viewer clicks on the subimage, the viewer's browser will open the link.

To **add a URL**, select a subimage or group and type in the URL in the URL field in the Sub Image tab of the Info window.

URL	

*Shortcut*: If you have a browser that supports URL drag and drop, you can drag and drop a URL directly onto a subimage or group or onto the URL field.





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### **Slicing Your Image: Alternative Text**

The Alternate Text field is for text that will be displayed in browsers that don't support graphics or that have their graphics turned off. It is also displayed before the image is loaded into the browser.

To **add alternate text to a subimage**, select the subimage or group and type the text into the Alternate Text field in the Sub Image tab of the Info window.

Alternate Text	
L	

If you dragged in a URL that included text, that text will appear in the Alternate Text field.



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### Slicing Your Image: Using a Spacer

You can eliminate one or more subimages. If you check "Use a spacer instead of image," SliceAndDice will generate HTML that replaces the selected subimage with a transparent image. This allows the page color or background image to show.





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# Slicing Your

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### Slicing Your Image: Using Alternative Images

You can replace one or more subimages with other images. You could use this to replace part of an image with an altered image or even with an animated gif. These images don't show up in SliceAndDice, but will be used in the generated HTML files.

The replacement image will be scaled to fit the size of the original subimage.

To replace a subimage

1. Select the subimage.

2. Click on the Set button in the Sub Image tab of the Info window. Use the Open dialog to select the image that you want to use as a substitute image.

*Shortcut*: You can drag the replacement image file icon onto the replacement image text field.

<!-- Slice And Dice by Stone Design: www.stone.com --> <TABLE BORDER=0 CELLPADDING=0 CELLSPACING=0 WIDTH=148> <TR VALIGN="top" ALIGN="left"> <td width=148 height=51 rowspan=1 colspan=3> <img src="images/WizHeadSta rs2\_R\_01\_C\_01.gif" width=148 height=51



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Slicing Your Image

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### **Slicing Your Image: Creating Rollovers**

Rollover images are images that appear in a browser only when the user's mouse is over the image. They require a browser that supports JavaScript. You can use SliceAndDice to quickly and easily create rollover images.



Note: The Apple Help Viewer does not support JavaScript, so the rollovers will not appear.



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# Slicing Your

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## **Slicing Your Image: Creating Rollovers**

#### To create a rollover image:

1. Drag in or paste an image that's EXACTLY the same dimensions as the current image.

2. Choose Rollover from the dialog that appears. If the new image is not exactly the same size, you'll get the Replace/New Document dialog instead.



To **switch between the Main image and the Rollover image**, use the popup menu next to the horizontal divider well.



You can add dividers to either image; all dividers will appear in both images and will divide both images into subimages.



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# **Slicing Your Image: Creating Rollovers**

You can set whether the Rollover image will be used for any given subimage. The Rollover image will be used by default. If you don't want the Rollover subimage to appear, bring up the Info window (Tools->Info (Command-i)) and choose the **Rollover** Tab. Uncheck the "Use the rollover in this cell" Checkbox.





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### Slicing Your Image: Creating Rollovers

You can replace a Rollover subimage with another image. To replace a Rollover subimage, enter a substitute image file name in the Rollover tab of the Info window. You can click on the **Set...** button or drag and drop a file icon onto the text field.

This feature allows you, for example, to substitute an animated GIF for a rollover subimage.



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#### Generating

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### Web Output: Saving Your Document

You can save your sliced images as a Slice document. This document contains the image, the slice locations, and the URL information.

To **save the current document**, choose **File->Save**. If this is the first time you've saved this document, you'll use the Save dialog to select a location and file name for the document.

File Format	✓ Slice Document	
ounley 1	Fully Sliced Document	

Make sure to select Slice Document from the File Format drop down menu. (A Fully Sliced Document can be dropped into a Create document.)

To **save the current document with a different name**, choose **File->Save As**. Use the Save dialog to select a location and file name.

To **open a previously saved Slice document**, choose **File->Open...** or double-click on the document's icon in the Workspace Manager.



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# Web Output: Document Info

The Document tab of the Info window lets you control some aspects of the HTML generated by SliceAndDice. To display the Document tab, choose **Tools -> Info (Command-i)** and then select the **Document Tab**.

0.0		Info		
Docume	nt S	Sub Image	Ro	llover
Output	Slices a	as:		
0	JPEG	Quality		
C	) TIFF		2	1
C	) GIF	🗹 Dither		
C	PNG	🗹 Interlac	e.	
Ba	ickgrou	und		
		6	Defa	ult
				_
				-
Note:				
Note:	148	# Row	s: 1	



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### Web Output: Subimage Format

You can choose the file format of the subimage files. Your choices are: TIFF, JPEG, GIF and PNG. JPEG and GIF are the most common, and JPEG gives you the highest resolution.

With TIFF and JPEG, you can set the quality (related to the amount of compression) using the slider. Slide the slider to the right for high quality but larger files. The default setting is a good compromise between quality and file size.

With GIF, you can turn on dithering or transparent values.

With PNG, you can choose to interlace the image. An interlaced image will show itself in several separate passes, with increasing resolution with each pass. Contrast this to a JPEG, which gets rendered from top to bottom in one pass.







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#### Generating Output

Saving / Document Inspector / Subimage Format / Background Color / Note / Default / HREF / Directory Structure

### Web Output: Background Color

The Background color well lets you select a background color for your image. This color will appear behind the image if your original image is a GIF with transparency. Notice that the background color selected in Slice & Dice does not affect the background color of the overall HTML page.

Background





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### Web Output: Adding a Note

The note field lets you add a comment to the HTML output. Anything you type into the note field will appear as a comment immediately before the HTML Table code.



```
<!-- Slice And Dice by Stone Design: www.stone.com
-->
<!-- I can add a comment here. -->
```



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#### Generating

Output Saving / Document Inspector / Subimage Format / Background Color / Note / Default / HREF / Directory Structure

# Web Output - Misc

#### **Restoring Defaults**

The **Default** button will cause all settings to revert to the settings that you've set in Preferences.

#### Stub Out HREF (Set in Preferences)

You may wish to add URLs to the subimages after the HTML is generated. Slice & Dice makes this easy by providing the option to add an empty HREF reference to each subimage. When you check this box, each image that doesn't already have a specified URL will generate this tag: <A HREF="">. You can easily hand-edit the HTML to add the URLs later.

To add HREF stubs to the HTML generated by Slice & Dice, choose **Edit->Preferences** and check the "Stub out HREF if no URL" checkbox.

Stub out HREF if no URL



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### Web Output - Output Directory Structure

#### **Output Directory Structure (Set in Preferences)**

When SliceAndDice generates HTML and graphic files, it creates a new folder with two items: an HTML document, <filename>.html and a folder named "images" which contains all the images referenced in the HTML document. If you wish, you can set your Preferences to place the image files in the same folder with the HTML file.





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# **Generating HTML**

When you've set the output options and preferences, choose **File->Slice & Dice**. Enter a new folder name in the Save dialog. SliceAndDice will create the directory, the HTML file, and the image files; it will then notify your browser to open the HTML file so you can see the results.

#### How To Use SliceAndDice's Output

How you use the HTML and image files created by SliceAndDice depends on the tools you use for building your web pages.

If you're hand-coding HTML, you can open the HTML file created by SliceAndDice and copy and paste the HTML into your own document. If you've used SliceAndDice's Rollover feature, you'll need to copy the JavaScript code into your <HEAD> section. SliceAndDice creates a self-contained TABLE to contain the image pieces; you can paste the table code into a table cell in your own HTML. Of course, you'll need to make sure to move the subimage files to the images folder in your page's folder.

If you're using Stone Design's Create®, choose **File->Save For Create...**. This makes a Fully Sliced document which you can drag and drop into a Create document. When Create generates the HTML for the document, it will generate the Table code, JavaScript code, and subimages for the sliced image.



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### Preferences

The settings in the Preferences panel affect all new SliceAndDice documents. Settings for the output files can be changed for individual SliceAndDice documents in the Document tab of the Info window. Settings for HREF stubs and Output Directory Format can only be changed in the Preferences Panel.

The Return to Original Values button will return the Preferences settings to the original "factory" settings.

00	F	Preferences
Output Sl	ices as: Quality	Stub out HREF if no URL
C TIFF	Dither	Depth of output
PNG	Vinterlace	<ul> <li>Images at top level</li> <li>Images in folder</li> </ul>
Return to	o Original Value	s



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Technical Support Ordering Licenses Installation Support Legal

### **Technical Support: Ordering Licenses**

You can order SliceAndDice licenses directly from inside the application by choosing **SliceAndDice->Purchase...** You will be connected to our secure web server at the <u>Stone Design Web Site</u>.

You can fax us PO's at: (USA) 505-345-3424.

You can send us cheques and money orders to: !!!!Stone Design Corp !!!!2400 Rio Grande Blvd NW pmb 116 !!!!Albuquerque, NM 87104 !!!!USA

You can just give us a call at (USA) 505-345-4800.

You can send email to us at orders@stone.com.



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# **Technical Support: Installation**

Installing SliceAndDice is easy:

If you download SliceAndDice from http://www.stone.com/NewDownload.html, you will have a Disk Image file (.dmg).

Double-click the image to mount it, and copy SliceAndDice to your Applications folder.

From the Stone Design CD: simply drag SliceAndDice to your applications folder.



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#### Technical Support

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# **Technical Support: Support**

Contact Stone Design via <u>bugs@stone.com</u> for fast email support. The easiest way to do this is simply choose **Help -> Suggestion...** and you will be connected to our <u>feedback page</u> on our web site.



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Legal

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