


MAX 2006 Beyond Boundaries

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Introduction: Why Choose / Use Fireworks?

- Great graphical tool for creating, integrating, and optimizing web graphics.
- Vector and Raster tools wrapped in one product.
- Integrates well with other programs:
 - Dreamweaver
 - Flash
 - Photoshop
- Can produce HTML and JavaScript for use in web pages.
- ...and much more!



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Introduction

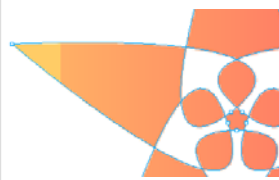


- Fireworks Role In The Graphical Tools Landscape
- Graphical Categories

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Introduction: Graphical Categories - Vector

- Graphics are created using points and lines with fills and stroke.
- Easily created, manipulated and edited.
- Resolution Independent** - derived from math algorithms.
- Usually smaller in file size than raster images.
- Scales nicely to retain quality without increasing file size.
- Seen on the web in Flash, VML, and SVG.



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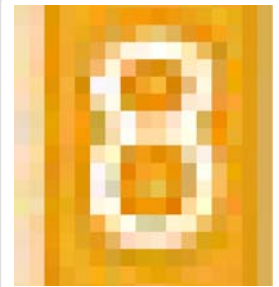
Introduction: The Graphical Tools Landscape.

Fireworks	ImageReady	Photoshop	Illustrator
<ul style="list-style-type: none"> Web Graphic Creation Combination of Vector and Raster Creation Tools Web Graphic Optimization Integrated Web Functionality 	<ul style="list-style-type: none"> Web Graphic Optimization Integrated Web Functionality 	<ul style="list-style-type: none"> Print, Photography, and Design Creation Raster Graphic Tools 	<ul style="list-style-type: none"> Print and Design Creation Vector Graphic Tools

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Introduction: Graphical Categories - Raster

- Graphics consisting of pixels.
- Manipulated using selections and layers.
- Resolution Dependent.**
- Usually used for photographs and complex graphics.
- Seen on the web as .jpeg, .gif, and occasionally .png's.



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Section I: Drawing Vector Objects



- Creating Common Shapes Using Auto Shapes and Manipulate Using The Auto Shape Properties Panel.
- Utilizing the History Panel To Replay Processes
- Combining Paths to Create a Complex Shape
- Creating Irregular, Complex and Freeform Shapes

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Auto Shapes – Editing With Properties Panel

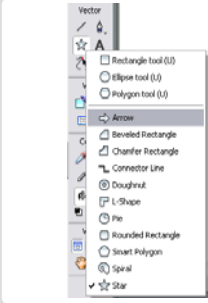


- For precise shape manipulation, use the Auto Shape Properties Panel.
- Select the auto shape to edit and type new values into the Auto Shape Properties Panel.

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Auto Shapes – Shape Options

- Arrow
- Beveled Rectangle
- Chamfer Rectangle
- Connector Line
- Doughnut
- L-Shape
- Pie
- Smart Polygon
- Rounded Rectangle
- Spiral
- Star
- Add Shadow



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Repeating Process Using The History Panel


- First, run the process that you want to repeat.
- Go to the History panel and select the steps you want to replay.
- Click the Replay Button in the History Panel to repeat the steps.
- A nice time saver.



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Auto Shapes – Editing With Property Handles


- Hover the mouse over designated yellow point to see what will be manipulated
- Click, hold and drag to change properties like:
 - Radius
 - Roundness
 - Points
 - Thickness
 - Height
- The properties will depend on the shape in use.



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Tip 1: Creating A Roulette Wheel With Auto Shapes

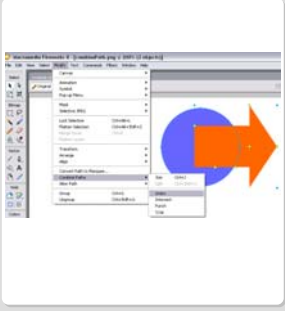
- Review shape options and draw a few shapes.
- Manipulate the shapes in the Fireworks file.
- Manipulate the shapes using the Auto Size Properties Panel.
- Use the History Panel to repeat steps.



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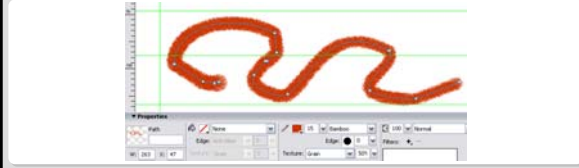
Combining Path Objects

- Taking two or more vector shapes and convert them into a single closed path object.
- Nice way to make complex vector shapes
- To create a composite path:
 - Select the objects you want to manipulate
 - Select **Modify > Combine Paths**



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Creating Irregular, Complex & Freeform Shapes With The Vector Path Tool



- Vector Path Tool allows for the creation of vector paths by drawing.
- Select the Vector Path Tool beneath the pen tool.
- Selected the desired stroke properties in the properties inspector.
- Click, hold and draw to create a path.
- End the path by releasing the mouse.
- Edit the path like any other vector path.

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Combining Paths to Create a Complex Shape

- Union
 - Modify > Combine Paths > Union**
- Intersect
 - Modify > Combine Paths > Intersect**
- Punch
 - Modify > Combine Paths > Punch**
- Crop
 - Modify > Combine Paths > Crop**

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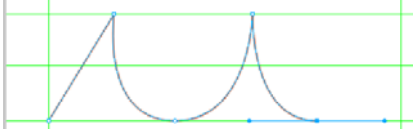
Tip 2: Drawing A Las Vegas Sign – Using Freeform Drawing Tools

- Combining Paths to Create a Complex Shape
- Creating Irregular, Complex and Freeform Shapes using the Pen and Freeform Tools.
- Using the Knife Tool to shorten paths.



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Creating Irregular, Complex & Freeform Shapes With The Pen Tool



- Select the pen tool, click the mouse to create a point, move to the new location to add additional points to create the desired shape.
- Click, hold and drag on a point to create a bezier curve.
- To get a precise cursor instead of the pen tool, turn your Caps Locks on.
- Drawing with the pen tool takes practice but the line hint in Fireworks helps.
- Double-click on the last point to close the shape
- Use the subselection tool (white arrow) to edit the shape.

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Section II: Raster Techniques



- Selective Selections
- Image Editing Panel


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Converting Paths To Selections and Selections To Paths



Paths to Selection

- A useful technique for creating complex selections.
- Select the path and choose **Modify > Convert to Marquee**




Selections to Paths

- If you feel more comfortable with the raster selection tools, it is an easy way to translate the selection to a complex path.
- Create a selection and choose **Select > Convert Marquee to Path**

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Tip 3: Creating, Saving, And Recalling Selections

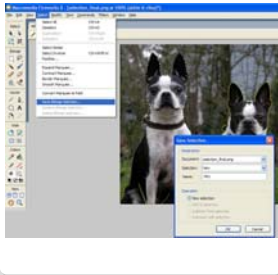
- Making a selection from a path.
- Converting a selection to a path.
- Saving a selection to use again.
- Edit images using the Image Editing Panel



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Saving and Recalling Selections

- Great way to keep all selections in case you need to reuse them at a later time.
- Saves time and integrity of selection.
- To Save a Selection:**
 - Create a selection.
 - Choose **Select > Save Bitmap Selection...**
 - Name the selection and click **OK**.
- To Recall the Selection:**
 - Open the file with the saved selection.
 - Choose **Select > Restore Bitmap Selection...**



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Section III: Creative Visual Techniques


- Perspective Shadows
- Fill and Stroke Options
- 25 New Blend Modes
- Masking Techniques
- Filters




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Image Editing Panel

Scale, Skew and Rotate

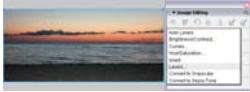


Red Eye Remover




Adjust Colors

- Auto Levels, Brightness and Contrast, Levels



Filters


- Blur, Sharpen, Noise...



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Masking Made Easy

- Allows you to create unique layouts without altering original image.
- Makes edits and changes easier.



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Masking Techniques Options

<p>Paste As Mask</p> <ul style="list-style-type: none"> Make an object or group of objects with another object. Use either vector or raster objects as mask. Apply using: Edit > Paste As Mask 	<p>Paste Inside</p> <ul style="list-style-type: none"> Fills a closed path or bitmap object with other objects. Commonly referred to as a clipping path. Apply using: Edit > Paste Inside 	<p>Add Mask Icon</p> <ul style="list-style-type: none"> Identified as a layers object. Added from the layers panel. Once added, select the mask element and add the shape to act as the mask. 	<p>Group As Mask</p> <ul style="list-style-type: none"> Simply group two or more objects to create a mask. The topmost object becomes the mask. Apply using: Modify > Mask > Group as Mask
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Perspective Shadows

- Easily add and edit perspective shadows to objects.
- Commands > Creative > Add Shadow

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Fill And Stroke Options

<p>Gradients</p> <ul style="list-style-type: none"> Multiple gradient styles: <ul style="list-style-type: none"> Rectangle Cone Linear Radial Satin Starburst Folds Ellipse Bars Ripples Waves Applied as a fill from the properties inspector 	<p>Patterns</p> <ul style="list-style-type: none"> Many creative pre-built options available. Make your own custom patterns. Applied as a fill from the properties inspector 	<p>Styles</p> <ul style="list-style-type: none"> Combination of gradients, patterns, filters, and more to create re-useable visual styles. Applied from the Assets Panel > Styles Create your own custom styles for fills, strokes or text treatments. 	<p>Texture</p> <ul style="list-style-type: none"> Pick from many pre-built textures. Create your own custom textures. Applied to fills and strokes from the properties inspector.
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Tip 4: Creating A Las Vegas Style Poster – Using Creative Visual Techniques

- Adding Variety of Fills and Strokes Using Textures
- Blend Modes to add Depth
- Creating a mask
- Adding Perspective Shadows
- Using Filters To Add Depth

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25 New Blend Modes

<ul style="list-style-type: none"> Average Negation Exclusion Hard Light Soft Light Fuzzy Light 	<ul style="list-style-type: none"> Color Dodge Color Burn Inverse Color Dodge Inverse Color Burn Soft Dodge Soft Burn 	<ul style="list-style-type: none"> Reflect Glow Freeze Heat Additive Subtractive Interpolation 	<ul style="list-style-type: none"> Stamp XOR Red Green Blue Overlay
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Section IV: Other Cool And Useful Stuff

- Customizing Fireworks for YOU!
- Extending Fireworks Using Extensions.
- Quick Export to Flash.

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Creating Keyboard Commands

- Pick from a set of keyboard command set from other familiar graphical applications like Photoshop, Illustrator, and Freehand.
- Customize your Fireworks application to include keyboard commands that best serve your task needs.
- Edit Menu, Tools, and Miscellaneous Commands
- Saves times with development.

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Useful And Fun Fireworks Extensions

- FW Album Creator v1.1 (<http://www.fireworksguru.com/fwalbumcreator/>)
- Gradient Transform Command (<http://www.fireworksguruforum.com/index.php?showtopic=399>)
- Scale-3 and Scale-9 Component Auto Shapes (<http://www.senocular.com/fireworks/extensions.php?id=0.48>)
- Extended CSS Menu v.1.0 (<http://www.zaporozhye.org/dreamworld/index.php?id=25>)
- Set Resolution v.1.0 (<http://www.zaporozhye.org/dreamworld/index.php?id=26>)

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Move Layered Files To Flash

- Take existing layered .png file and convert it to layers in Flash.
- Take an existing layered .psd file, save it as a .png file in Fireworks, and import the file as layers in Flash.

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Tip 5: Cheers – Cool Techniques And Useful Stuff

- Review layered Fireworks file.
- Import file into Flash 8 and review MovieClip.
- Alter filter and text in Flash.
- Look at the FW Album Creator Extension.

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Quick Export To Flash

- Create a vector graphic in Fireworks with a drop shadow and/or blends.
- Use the Quick Export in Fireworks to Copy the graphic.
- Open Flash and Paste the graphic.
- Flash converts the graphic to a MovieClip Symbol.
- Graphic maintains the drop shadow and is able to be editing from within Flash.

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Conclusion

- Review of Talk
- Location of the presentation and sample files
- Thanks
- Questions

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