

## **Comparison of Macromedia® Dreamweaver® and Adobe® GoLive® Features and Functionality**

### **Introduction**

Macromedia is the dominant player in the Internet authoring software tools business. The Macromedia Dreamweaver platform (which integrates Macromedia Dreamweaver, Dreamweaver UltraDev and Fireworks) enjoys a 70% market share and a community of more than one million developers using and extending the products. Adobe has been unable to achieve the same success with their web design software GoLive. Adobe's expertise suffers in the area of web authoring.

Adobe, does however, provide a superb graphics layout program known as Photoshop, which integrates nicely with Macromedia tools. Adobe Photoshop outperforms Fireworks only in the area of image/photo retouching. Photoshop's 3D effects, lighting, and filters are extremely powerful. However, as far as Internet graphics layout and development, Fireworks is the preferred tool.

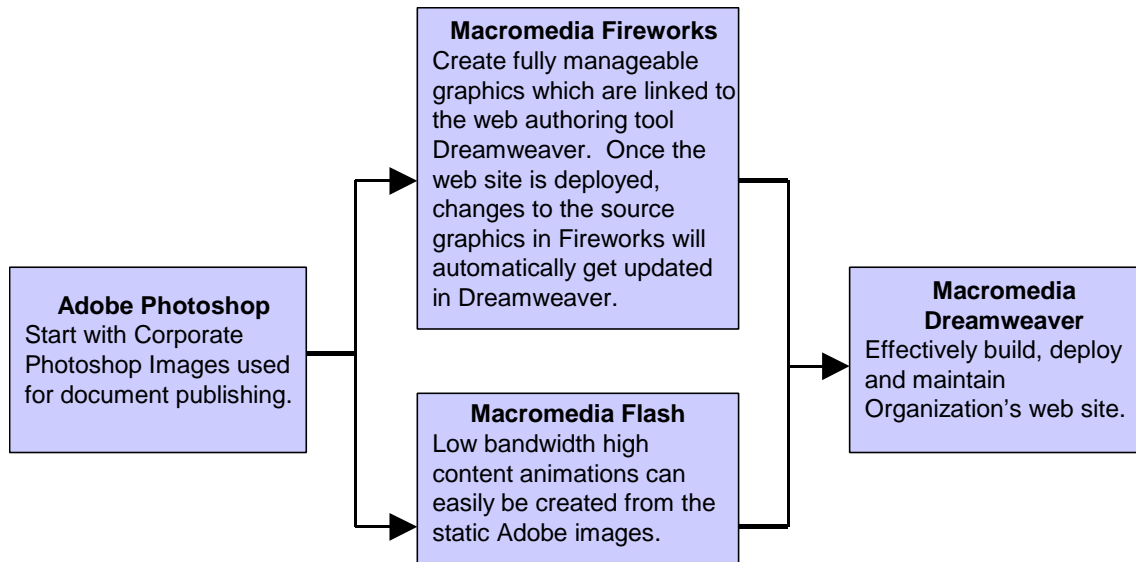
### **Internet Animation Technologies**

Again, Macromedia dominates. Macromedia is number one in the Internet animations business with their Flash product. Flash is the key to designing and delivering **low-bandwidth** animations, presentations, and Web sites. It offers scripting capabilities and server-side connectivity for creating engaging applications, Web interfaces, and training courses. Once you've created your content, 96% of the online audience will be able to view it with the Macromedia Flash player.

On the other hand, Adobe GoLive 5 incorporates QuickTime as its animation technology. QuickTime unfortunately creates large file sizes, long download times, and streaming issues. Furthermore, the QuickTime player is not commonly deployed with Internet Explorer and Netscape.

### **Suggested Development Path for Typical Corporate Web Site**

We suggest starting with Adobe Photoshop images and importing them in Macromedia Fireworks and Flash. Once the graphics are in Fireworks and Flash, they will easily drop into Dreamweaver, for authoring of the organization's website. Listed below is diagram of this development path:



**Figure 1. Suggested Web Site Development Path.**

**Side-by-side Comparison of Dreamweaver, GoLive and FrontPage 2000**

Listed in Table 1 is a look at the advantages and disadvantages of using Macromedia Dreamweaver, Adobe GoLive, and Microsoft FrontPage 2000 for Internet development:

**Table 1. Features Comparison: Dreamweaver 4, GoLive 5, and FrontPage 2000.**

	Dreamweaver 4	Adobe GoLive	Microsoft FrontPage 2000
<b>HTML Editing</b>			
Always Maintains Source Code Structure	●		
Support for HTML 3.2, CSS 2, XML	●	●	●
Integrated Text Editor	●	●	●
Split View of Design and Code Views	●		
HTML Reference from O'Reilly	●		
Live Syntax Coloring	●	●	
Simultaneous Access to Visual and Source View	●	●	
Integrated and Bundled with HomeSite (full) and BBEdit (eval)	●		
Integrated Tag Selector	●		
Quick Tag Editor	●		
HTML Tag Attribute Hinting	●		
Clean Up HTML Command	●		●
<b>JavaScript and Non-HTML</b>			
JavaScript Debugger	●		
JavaScript Code Navigation	●		
JavaScript Reference from O'Reilly	●		
Edit and Preserve Non-HTML files	●	●	
XML Parser	●	●	●
XML -Based Tag Database	●		
XML-Based Design Notes	●		
<b>Page Layout</b>			
Layout View for Drawing HTML Tables	●		

Drawing Tools for Tables and Cells	●		
Specify Layout Changes as Page is Resized	●		
Drag Table Cells into Position	●		
Nest and Un-Nest HTML Tables	●		
Edit Hand-Coded Page Layouts	●		
Pixel-Precise Positioning	●		
<b>Graphics Integration</b>			
Roundtrip Graphics Editing	●		
Tracing Layer	●	●	
PSD (Photoshop) Source File	●	●	
PNG (Fireworks) Source File	●		
Generator and Macromedia Flash	●		
Control Fireworks via JavaScript	●		
Support for Macromedia Flash and Shockwave	●	●	
Launch & Edit/Launch & Optimize	●	●	
Insert Fireworks/ImageReady HTML	●		
Automatically Create a Web Photo Album	●		
<b>Global Design Tools</b>			
Edit Pages in Frames inline	●		
Integrate Asset Management	●		
View and Edit Server-side Includes	●		
CSS Styles	●	●	●
HTML Styles	●		
Reusable Library Elements	●	●	
Templates with Editable and Locked Regions	●		
Template Changes Automatically Propagate Site Wide	●		
<b>Microsoft Office Integration</b>			
Clean up Word HTML	●		

Import Excel/Access Files	●		●
<b>History</b>			
Display Plain English List of Actions	●	●	
Unlimited Undos	●		
Undo past File Save	●		
Instantly Save History as JavaScript Command	●		
<b>Extensibility</b>			
Open, Documented API	●	●	●
Completely Customize Menu System via XML	●		
Customizable Keyboard Shortcuts	●	●	●
One-Click Extension Installation/Management	●		
Centralized Web Site with over 150 Extensions	●		
Existing Extensions for WML & iMode	●		
Create Custom Macros/Commands	●		
Integration with Lotus Domino	●		
<b>SITE MANAGEMENT</b>			
File Locking with Checkin and Checkout	●	●	
WebDAV Support	●	●	
Microsoft Visual SourceSafe Support	●		
Customizable Site Window	●		
Integrated Email	●		

**Side-by-side Comparison of Fireworks 4 and Photoshop 6**






See why it makes sense to use Macromedia Fireworks over Adobe Photoshop for the production of Web graphics in the attached white paper entitled “A Web Tool for a Web Job”. Feature comparisons and case studies demonstrate how Fireworks is built from the ground up to support industry standards and address the specific needs of Web designers. In addition, an industry expert shows you how to perform some typical Web graphics tasks more easily in Fireworks than in Photoshop.

Listed in Table 2 is a look at the advantages and disadvantages of using Macromedia Fireworks 4 and Adobe Photoshop for Internet graphics layout and development:

**Table 2. Features Comparison: Fireworks 4 and Photoshop 6.**

	<b>Fireworks 4</b>	<b>Photoshop 6</b>
Bitmap Editing	●	●
Familiar Vector Editing and Support	●	
Vectors as Object/Layer Masks	●	●
Integrated Web Graphics Design Environment	●	
Third-Party Filters as Live Effects	●	
Preview Rollovers in Workspace	●	●*
Import/Export Photoshop Files	●	●
Open/Save As PDF		●
Import Illustrator Files and Vectors Remain Editable	●	●
Import FreeHand and Corel Draw Files and Vectors Remain Editable	●	
Native Color Correction as Live Effects	●	
Animated GIFs	●	●*
Live Animations	●	
Complete Text Control	●	●
Text on a Path	●	
Unlimited Text Transformations	●	

Slicing and Image Optimization	●	●
Everything is Always Editable	●	
Fully Scriptable via JavaScript	●	
History Palette	●	●
Step-by-Step Button Maker	●	
Pop-Up Menu Creator	●	
Symbols Library	●	
Find & Replace	●	
Graphic/Text Style	●	●
Selective JPG Compression	●	●
URL Manager	●	
Customizable Keyboard Shortcuts	●	
Sophisticated Rollovers	●	●*
Drag-and-Drop Rollovers	●	
Macromedia Flash Movie (SWF) Export	●	
Roundtrip Table Editing	●	
Auto insert Fireworks Html and Graphics in Dreamweaver or Adobe GoLive	●	
Customizable HTML & JavaScript	●	
Insert HTML wizard	●	
‡ Launch and Optimize from Dreamweaver or Adobe GoLive	●	

‡ Launch and Edit from Dreamweaver or Adobe GoLive		
Update HTML in line		
Import/Export Wireless Bitmap (WBMP)		
Export as Adobe Illustrator		

‡ Fireworks performs these tasks with Macromedia Dreamweaver

\* Requires Adobe ImageReady