

Boris GRAFFITI

The Benefits of Adding Boris GRAFFITI to Your Final Cut Pro System

Boris GRAFFITI integrates seamlessly into Final Cut Pro systems. With the release of Version 2.0, GRAFFITI works as a generator within FCP and provides support for OS X. Boris GRAFFITI's advanced titling capabilities allow professionals to create more complex higher quality effects. For titling, GRAFFITI delivers better formatting of credit rolls, faster rendering and more filter effects which can be applied to text.

Boris Calligraphy is included with Final Cut Pro version 3.0. Calligraphy includes two Boris Text Generators, Title Crawl and Title 3D. **Title Crawl** automatically keyframes text to roll or crawl across the screen. Title Crawl differs from GRAFFITI in the following ways:

- Unlike GRAFFITI, Calligraphy only lets you use one page per roll or crawl. Multiple pages are often required to change formats within title rolls. For example, GRAFFITI lets you easily create a credit roll that includes both multiple column layouts and graphic elements such as a logo.
- Calligraphy does not include the controls over speed, hold time or acceleration that GRAFFITI provides.

Title 3D offers vector-based text that can be manipulated in 3D Space with full pivot control, animated tracking and other text transformations. Title 3D differs from GRAFFITI in the following ways:

- In Calligraphy, text is a single object; no multiple objects or grouping of objects is available.
- Calligraphy does not provide a backdrop option which are typically included with most lower thirds.
- Calligraphy does not include Text on Path option.
- Calligraphy does not include a text extrusion.
- Calligraphy does not include texture mapping, lights, or reflection maps.
- Calligraphy does not create complex animation or type on effects.

Since your system already includes Boris Calligraphy, why would you want to upgrade to Boris GRAFFITI? Boris GRAFFITI is a combination of both Boris Text Generators, with many additional features. For example, while Calligraphy allows you to move 2D text in 3D space, GRAFFITI allows you to create true 3D text and manipulate it in 3D space with multiple lights and cameras. This feature alone provides a compelling reason to upgrade to GRAFFITI.

The following is a brief overview of GRAFFITI's unique features. For a complete overview, take the online tour at www.BorisFX.com/products/GRAFFITI.

- **Animated Text on a Path** allows you to move text on a path. Both the path shape and the text position on the path can be animated over time. Create paths directly in GRAFFITI or copy paths from Adobe Illustrator.
- **Type-On Text** allows you to create complex effects where individual characters fly, spin, fade, zoom or shuffle on or off screen. Progressively apply parameters such as skew, tumble, spin, rotate, scale, opacity and position.
- **Extruded Text** create true 3D text with reflection mapping. Map textures to surfaces or apply custom materials with precise control over material properties. Simulate glass, aluminum or other materials. Easily animate text in 3D space. Multiple cameras are available for extruded text.
- **Natural Media** allows you to create procedurally-generated textures including wood, fabric, stone, reptilian skin fractal noise and random colors. Use materials as backgrounds or map to the faces of 2D or 3D text.
- **Export to Flash or QuickTime** to easily integrate titles into web designs.
- **Title Containers** build on Calligraphy's functionality with one click rolls, crawls, fades, shuffles, and zooms.
- **Convert to Container** allows you to easily transform a text track into a container with a separate track for each individual character. This allow you to simultaneously animate individual characters (at the track level) and animate the entire text (at the container level).
- **Spline Primitive Vector Media** creates text backdrops in customizable supplied shapes including rectangle, hearts, stars and more. Text backdrops automatically resize to fit the typed text. You can also use the spline shapes as dynamic animation elements.
- **Advanced 3D Compositing** includes XYZ positioning of 2D and 3D titles and shapes with multiple lights and shadows as well as motion blur. Multiple lights per layer can be specular, spotlight or light sweep. The Composite Tab lets you animate and combine 27 Apply modes for more control. 3D Containers let you group multiple tracks.

- **Audio Import and Playback** allows you to synchronize titles with scratch audio. Timeline waveform displays and level controls enable easier reference during effect animation design.
- **Expanded Styles and Style Palette** provide extensive preset options. Easily save and reapply styles including outline, embossed and bevel styles.
- **Fourteen Effects Filters** include three Blur filters, four Distortion filters, five Noise filters and an Advanced 2D Particles filter. The Pixel Chooser provides channel and pixel-based control over filters.
- **3D Shapes** let you map text or still images to shapes such as a Sphere, Cylinder or Cube.
- **After Effects Plug-in Support** lets you extend the power of your software by combining third-party effects with GRAFFITI's native effects.
- **Online Help System** provides a text-only version of the powerful *Intelligent Assistance*. The Intelligent Assistant is a sophisticated online help system that is directly accessible from the Help menu. The Intelligent Assistant offers the equivalent of over 600 pages of text. The Intelligent Assistant also offers over 2.5 hours of narrated video. GRAFFITI users can access the movies 50 times before upgrading to the full version.

Higher Quality Imaging

Render using full scene anti-aliasing and sub-pixel positioning which exceeds even the best high-end NLE hardware. GRAFFITI's DVE includes integrated spotlights and motion blur for a more professional and higher quality DVE.

KeyFramer Offers Workflow Advantages

The Boris KeyFramer™ is a standalone application designed to create Boris GRAFFITI effects offline using any computer. The KeyFramer is a cross-platform application which can be duplicated and distributed free of charge. Instead of video from your Final Cut Pro timeline, the KeyFramer uses proxy images. You can also import still images and EPS files, OMF and movie files, and create color, gradient, natural or text media in the KeyFramer.

Once you create effects in the KeyFramer, you save the settings to render in your Final Cut Pro. However, when you open these settings in your Final Cut Pro, you can still make adjustments before rendering. For example, use the KeyFramer to create long credit rolls on a lap top computer. This avoids tying up your Final Cut Pro system for long periods of time and reduces the risk of typographical errors. It is especially useful if the person responsible for the accuracy of the content is not the person who will create the roll. Save the styles that you use for your credit roll in the Style Palette. Then you can quickly format long credit rolls.

Fast, Flexible Titles with More Title Effects Capabilities

Unlike the many titling solutions, GRAFFITI animates every letter in 3D space (every letter has a built-in 3D DVE). Every character can have different formatting options. GRAFFITI's titles are vector-based so they remain razor-sharp no matter how large you scale them. Common filters like blurs, spheres, displacement maps and particles are easily applied to text. In addition, GRAFFITI allows you to create complex animations like Text on a Path and Type On effects.

Library Browser Offers Hundreds of Preset Effects

The Boris Library Browser allows you to quickly preview and apply settings files from the KeyFrame Library, including settings files that you add or customize. The KeyFrame Library is a collection of hundreds of preset effects that is automatically installed when you install GRAFFITI. For example, quickly apply pre-built lower-thirds or complex effects animations to your own text. You can add, remove, or change these settings files at any time.

Soft Drop Shadows and Borders

Animate the softness, distance, angle, color, and opacity of drop shadows for each DVE layer. A variety of soft-edged borders can be created as well. The use of soft drop shadows is so critical to production work that this capability alone is worth the price for adding Boris GRAFFITI to Final Cut Pro systems.

Increased Performance through Scalable Resolution and Preview to RAM

Boris GRAFFITI offers scalable resolution previews for faster effects creation. Preview to RAM at various resolutions and quality. Adjustments display very quickly because Boris can drop resolution and does not have to render full frames for each preview. Scalable previews are critical when building complex composites with multiple layers or sophisticated single filter effects. Open GL significantly speeds 3D redraws for faster effects creation. Wireframe mode lets you easily animate complex 3D effects.

Alpha Pass-Through on Multi Layer Compositions

GRAFFITI allows you to composite using alpha channels. Layers can have rotation, scaling and filter effects applied independent of other layers or the background.