

ADOBE® FLASH® CS3 PROFESSIONAL

Create and deliver rich, interactive content



Product overview

Adobe Flash CS3 Professional software is the most advanced authoring environment for creating rich, interactive content, including websites, online advertisements, instructional media, presentations, games, and mobile device content.

Enjoy creative flexibility

Sophisticated video tools

Standalone video encoder

Choose from either the high-quality On2 VP6 codec or the Sorenson Spark codec for advanced encoding options when creating FLV files. Use the batch processor to encode multiple video files at once.

Video encoder plug-in

Export video directly to FLV from leading professional post-production applications.

Alpha channel support

Overlay video composited with a transparent or semitransparent alpha channel with other content at runtime. Create unique effects using compositing tools such as Adobe After Effects® and import them into Flash with transparency preserved.

High-quality video codec

Produce video quality that rivals today's best video codecs while maintaining small file size with the advanced video codec in Flash Player, On2 VP6.

Embedded cue points

Embed cue points directly into an FLV file to trigger events during playback and coordinate the playback of accompanying graphics and animations.

Video import workflow

Take advantage of a centralized dialog that presents options for FLV deployment during video import. The dialog also instantiates the skinnable video component and prepopulates it with required deployment parameters.

Skinnable video component

Use the video component to easily customize the look and feel of video projects without significantly increasing file size. The component works with multiple deployment options, including streaming and progressive download.

► Advanced video encoder

Easily import video using a new wizard, and improve video quality and appearance with new encoding options such as deinterlacing, advanced cue point control, and new video component skins.

► **Advanced QuickTime export**

Render content published in a SWF file as a QuickTime video using the advanced QuickTime exporter. Export content that includes nested MovieClips, content generated with ActionScript™ language, and runtime effects such as drop shadow and blur.

► **New video player component**

Integrate video into ActionScript 3.0 projects using the newly optimized video playback component, featuring new closed-captioning capabilities, as well as support for streaming FLV content and progressively downloaded FLV files.

Rich drawing capabilities

Powerful shape drawing

Manipulate vector shapes with powerful shape drawing tools. Easily bend, erase, distort, skew, and combine vector shapes in a natural and intuitive way.

► **Shape primitives**

Easily create pie wedges, round off rectangle corners, define an inner circle radius, and do much more. Visually adjust shape properties on the stage. And create custom shapes with the included JavaScript API.

► **Pen tool**

Create precise vector illustrations with the Pen tool inspired by Adobe Illustrator® and then manipulate Bezier control points using Illustrator keyboard shortcuts.

► **Paste from Adobe Illustrator**

Copy and paste illustrations from Adobe Illustrator directly into Flash CS3, preserving full fidelity.

Shapes as objects

Toggle the object drawing mode to represent shapes as objects for easy visualization, the same way you would in Adobe Illustrator.

Powerful animation tools

Filter effects

Create more compelling designs with built-in filter effects like drop shadow, blur, glow, bevel, gradient bevel, and color adjust. Apply effects to MovieClips and text fields to be rendered at runtime by Flash Player, consequently minimizing file size.

Blend modes

Use blend modes to create unique visual blending effects when images overlay each other. Blends are rendered at runtime and updated live as objects move. Blend modes imported from Adobe Photoshop® are maintained and editable in Flash CS3.

Custom easing control

Easily and precisely control the velocity of animated objects using an intuitive graph that provides independent control of position, rotation, scale, color, and filters.

► **Copy and paste animations**

Copy an animation that is applied to an object and paste it into any other timeline object, dramatically reducing time spent on animation development.

► **Selective layer export**

Experiment with different versions of the same file, manage complex layouts, and save time by exposing only the layers you want to export and hiding the rest.

MP3 audio support

Integrate audio into your projects by importing MP3 files. Integration with Adobe Soundbooth™ makes it easy to edit files as needed, without requiring audio production experience.

Bitmap caching

Avoid unnecessary re-rendering of vector objects with bitmap caching. Flag an object as a bitmap at runtime so it gets cached as a bitmap; vector data is maintained, so it can be converted back to a vector at any time.

Extensible architecture

Leverage the Flash application programming interfaces (APIs) to easily develop extensions that add custom functionality.

Frame-based timeline

Quickly add motion to your creations with the easy-to-use, highly controllable, frame-based timeline inspired by traditional animation principles such as keyframing and tweening.

Additional features

▶ **Scale 9 live rendering**

Preview Scale 9 objects on the stage to evaluate scaling behavior and see exactly what will appear in Flash Player at runtime. Scale 9 intelligently scales objects without distortion.

Superior font rendering

Improve text crispness and readability with revolutionary font rendering. Use rendering options and anti-aliasing to optimize for different use cases.

Undo/redo options

Switch between Object-level Undo and Document-level Undo modes.

Customizable workspaces

Easily create and save customized workspaces, including panel and toolbar settings, to work the way you want every time you launch.

Maximize development productivity

Timesaving coding tools

▶ **Code collapse**

Hide code from view by selection or tag so you can focus more easily on the code you are developing.

▶ **Comment tags**

Use easy menu commands to apply comment/uncomment tags to entire lines or any section of code. This Script Editor feature remains consistent across both Flash CS3 and Dreamweaver.*

▶ **Code error navigation**

View a list of code errors in a separate panel that is automatically generated when performing tasks such as check syntax, test movie, test project, debug movie, or publish. Click an error in the list to jump directly to that section of code in the Code view.

ActionScript development

▶ **ActionScript 3.0 development**

Save time with the new ActionScript 3.0 language, featuring improved performance, increased flexibility, and more intuitive and structured development.

► **Advanced debugger**

Test content with a powerful, new ActionScript debugger that offers greater flexibility and user feedback, as well as consistency with Adobe Flex™ Builder™ 2 debugging.

Script Assist

Facilitate scripting with Script Assist, a visual user interface for script editing that includes automatic syntax completion as well as descriptions of the parameters of any given action.

Actions panel

Easily use different versions of the ActionScript language by selecting from different language profiles in the Actions panel, including profiles for mobile development.

► **Convert animation to ActionScript**

Instantly convert timeline animations into ActionScript 3.0 code that can be easily edited, reused, and leveraged by developers. Copy animations from one object to another.

► **User interface components**

Create interactive content with new, lightweight, easily skinnable interface components for ActionScript 3.0. Visually modify components' look and feel with the drawing tools—no coding required.

Additional features

SWF metadata

Use the metadata property of the SWF file format to add a title and description to the file, improving the searchability of SWF files by Internet search engines.

Easily work with other Adobe software

Adobe Photoshop and Illustrator import

► **Adobe Photoshop import**

Import and integrate Photoshop (PSD) files, while preserving layers and structure, and then edit them in Flash CS3. Optimize and customize the files during import with advanced options.

► **Adobe Illustrator import**

Import and integrate Illustrator (AI) files, while preserving layers and structure, and then edit them in Flash CS3. Optimize and customize the files during import with advanced options.

Improved Adobe software integration

► **Adobe After Effects integration**

Export individual layers with transparency using the new QuickTime exporter, and import them into After Effects for advanced manipulation. Import FLV directly from After Effects.

► **Adobe Premiere® Pro integration**

Export individual layers with transparency using the new QuickTime exporter, and import them into Adobe Premiere Pro for advanced manipulation. Import FLV directly from Adobe Premiere Pro.

► **Import/export cue points**

Import XML-based cue-point data files from Adobe Premiere Pro, After Effects, and Soundbooth to create sophisticated interactive video experiences. Use cue points to trigger interactivity at specific points in video and audio content.

Common Adobe Creative Suite® 3 features

▶ Adobe interface

Enjoy a new, streamlined interface that emphasizes consistency with other Adobe Creative Suite 3 applications and can be customized to improve workflow and maximize stage space.

▶ Adobe Device Central

Design, preview, and test mobile device content using Adobe Device Central CS3, now integrated throughout Adobe Creative Suite 3. Create and test interactive applications and interfaces viewable with Flash Lite™ software.

▶ Adobe Bridge

Enjoy a more efficient workflow with Adobe Bridge, the hub of Adobe Creative Suite 3, which offers central access to project files, applications, and settings, as well as XMP metadata tagging and searching capabilities.

Extend your reach

Adobe Flash Player

Deploy content to Adobe Flash Player, installed on more than 700 million computers and devices worldwide, including over 96% of Internet-enabled desktops. By creating content with Flash CS3, you can leverage your work not only to the Internet, but also to a wide range of mobile and consumer electronics devices.

Adobe Systems Incorporated

345 Park Avenue
San Jose, CA 95110-2704
USA
www.adobe.com

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