

Adobe® Flash® Builder™ 4

Develop cross-platform rich Internet applications



Consider Adobe Flash Builder 4 Premium Edition

Adobe Flash Builder 4 Premium Edition software adds professional testing tools, including profilers, network monitoring, an automated testing framework, integration with Flex unit testing, and command-line build support, plus Adobe ColdFusion Builder software.

Adobe Flash Builder 4 (formerly Adobe Flex® Builder™) software is a professional-grade development tool for rapidly building cross-platform rich Internet applications (RIAs) and content using the open source Flex framework, including support for intelligent coding, debugging, and visual design. It features powerful testing tools that speed up development and lead to higher performing applications.

With Adobe Flash Builder 4, developers can create more intuitive web applications that enable customers, partners, and employees to manage and interpret data more effectively. The results are increased productivity and greater user satisfaction. Flex applications leverage Adobe Flash Player, already installed on over 98% of all Internet-connected desktops.

Improve productivity—Adobe Flash Builder 4 helps you accelerate development and testing of expressive web applications using powerful developer tooling. A powerful Eclipse™ based IDE includes editors for MXML, the Adobe ActionScript® language, and CSS, as well as syntax coloring, statement completion, code collapse, interactive step-through debugging, and automatic generation of common code. You can quickly navigate through code or restructure it by renaming all references to a class, method, or variable. In addition, you can use Flash Builder 4 to create applications for the Adobe AIR® runtime, including all the tools required to build, debug, package, and sign AIR applications.

Integrate with existing infrastructure—Flash Builder 4 lets you integrate with servers and services in your existing infrastructure, including those based on Java®, PHP, Adobe ColdFusion® software, REST, and SOAP. You can import design assets created using Adobe Flash Professional, Illustrator®, Photoshop®, or Fireworks® software, or import a complete application user interface created using the Adobe Flash Catalyst™ interaction design tool. A rich, built-in library of data access services makes it easy to invoke web services or request XML or other data via HTTP.

Deliver more expressive applications—With Flash Builder 4, you can create intuitive, engaging applications that deliver more compelling experiences. A rich library of built-in components lets you visually design and preview user interface layout, appearance, and behavior. You can extend the built-in Flex framework components or create new ones as needed. By simply dragging and dropping a chart type and linking it to a data source using the Flex Charting library, you can create data dashboards and interactive data analysis. It's easy to customize the appearance of an application using CSS and graphical property editors. You can also import Flex projects (FXP files) created using Adobe Flash Catalyst, saving time and improving the quality of the user experience.

Leverage integrated workflow with Adobe ColdFusion Builder™—Integrated workflows and features between Flash Builder 4 and Adobe ColdFusion Builder software let ColdFusion developers quickly and easily create rich interfaces for ColdFusion applications. Wizards allow for generation of ColdFusion components (CFCs) for common Create, Read, Update, and Delete (CRUD) operations while the new service explorer allows drag-and-drop binding of components to CFCs.

System requirements

Windows*

- 2GHz or faster processor
- Microsoft® Windows XP with Service Pack 3, Windows Vista® Ultimate or Enterprise (32 or 64 bit running in 32-bit mode), Windows Server® 2008 (32 bit), or Windows 7 (32 or 64 bit running in 32-bit mode)
- 1GB of RAM (2GB recommended)
- 1GB of available hard-disk space
- Java Virtual Machine (32 bit): IBM® JRE 1.5, Sun® JRE 1.5, IBM JRE 1.6, or Sun JRE 1.6
- 1024x768 display (1280x800 recommended) with 16-bit video card
- DVD-ROM drive

Mac OS

- Intel® processor
- Mac OS X v10.5.6–10.6
- 1GB of RAM (2GB of RAM recommended)
- 1GB of available hard-disk space
- Java Virtual Machine (32 bit): JRE 1.5 or JRE 1.6 from Apple
- 1024x768 display (1280x800 recommended) with 16-bit video card
- DVD-ROM drive

Top features

Powerful coding tools—Take advantage of a powerful IDE based on Eclipse that includes editors for MXML, ActionScript, and CSS, as well as syntax coloring, statement completion, code refactoring, code collapse, interactive step-through debugging, and automatic generation of common code.

Rich visual layout—Visually design and preview user interface layout, appearance, and behavior using a rich library of built-in components. Extend the built-in Flex framework components or create new ones as needed.

Data-centric development—Introspect Java, PHP, Adobe ColdFusion, REST, and SOAP services to display methods and properties in the new Data/Service Explorer. Bind methods to user interface components using a simple drag-and-drop approach.

Interactive data visualization—Create data dashboards and interactive data analysis by simply dragging and dropping a chart type and linking it to a data source using the Flex Charting library. Use the powerful Advanced DataGrid to enable users to explore complex data.

Skinning and styling—Customize the appearance of an application using CSS and graphical property editors. Quickly set the most commonly used properties and preview the results in Design View. Browse available themes and apply them to your project using the new Theme Browser.

Integration with Adobe Creative Suite® design tools—Import design assets created using Adobe Flash Professional, Illustrator®, Photoshop®, or Fireworks® software, or import a complete application user interface created using Flash Catalyst. A new workflow between Flash Professional and Flash Builder facilitates importing and updating custom Flex components.

Native support for Adobe AIR—Create applications that run outside the browser using the Adobe AIR runtime with Flash Builder 4, including all the tools required to build, debug, package, and sign AIR applications.

Powerful testing tools (Premium Edition only)—Accelerate application performance using memory and performance profilers that monitor and analyze memory consumption and CPU cycles. Support for automated functional testing tools such as HP QuickTest Professional (formerly Mercury QuickTest Professional) is also available.

Network Monitor (Premium Edition only)—Generate a detailed audit trail of all data passed between the local Flex application and the back end, assisting with debugging and performance tuning.

Advanced data services—Invoke web services or request XML or other data via HTTP using a rich, built-in library of data access services. Use open source BlazeDS to add binary, high-performance, HTTP-based data transport plus real-time data push and publish/subscribe messaging.

Command-line build and integration with Flex unit testing (Premium Edition only)—Take advantage of new command-line build capability, and use integration with Flex unit testing to help support agile development processes.

ASDoc support—Display comments in MXML and ActionScript editors using ASDoc.

For more information

Product details:

www.adobe.com/products/flex



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

Adobe, the Adobe logo, ActionScript, Adobe AIR, the Adobe AIR logo, ColdFusion, ColdFusion Builder, Creative Suite, Fireworks, Flash, Flash Builder, Flash Catalyst, the Flash logo, Flex, Flex Builder, Illustrator, and Photoshop are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries. Mac OS is a trademark of Apple Inc., registered in the U.S. and other countries. Eclipse is a trademark of Eclipse Foundation, Inc. Intel is a trademark of Intel Corporation in the U.S. and other countries. IBM is a trademark of International Business Machines Corporation in the United States, other countries, or both. Microsoft, Windows, Windows Server, and Windows Vista are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. Sun and Java are trademarks or registered trademarks of Sun Microsystems, Inc. in the United States and other countries. All other trademarks are the property of their respective owners.

© 2009 Adobe Systems Incorporated. All rights reserved. Printed in the USA.

91011447 11/09