Adobe® Flash® Builder™ 4.5

Rapidly develop cross-platform web, desktop, and mobile applications

Adobe Flash Builder software is an Eclipse based IDE that accelerates web and mobile application development, testing, and deployment. Unlike other Flex and ActionScript® development tools, Flash Builder delivers a development environment that integrates with Adobe's design tools, enabling more rapid design and development of applications.

Adobe Flash Builder 4.5 is available in the following editions:
• Flash Builder 4.5 Standard
• Flash Builder 4.5 Premium
• Flash Builder 4.5 for PHP Standard
• Flash Builder 4.5 for PHP Premium

Adobe Flash Builder 4.5 Premium edition adds professional testing tools, including profilers, network monitoring, an automated testing framework, integration with Flex unit testing, and command line build support. Flash Builder 4.5 Premium also includes Adobe ColdFusion Builder™ 2 software.

Adobe Flash Builder 4.5 for PHP includes an integrated copy of Zend Studio 8, a professional-grade PHP IDE, providing an optimized Flex/PHP development experience.

Adobe Flash Builder 4.5 Premium is also available as a component of these Adobe Creative Suite 5.5 editions:
• Web Premium
• Master Collection

Top reasons to buy Adobe Flash Builder 4.5

ENHANCED **Powerful coding tools**—Use MXML, ActionScript, and CSS editors that include syntax coloring, statement completion, code templates, code collapse, interactive step-through debugging, generation of common code, refactoring, metadata code completion, and more.

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

NEW **Mobile application development**—Build standalone Flex and/or ActionScript applications targeted at one or more mobile platforms. Design and Code View support mobile development using mobile-ready components.

NEW **Preview, debug, and profile mobile applications**—Test mobile applications on the desktop using a mobile Adobe AIR® runtime emulator, or test on a locally connected mobile device using a one-click process to package, deploy, and launch.

NEW **Package and sign mobile applications**—Deploy, package, and sign required resources as a platform-specific installer file for upload to a mobile application distribution site or store.

ENHANCED **Integrates with Adobe Creative Suite® design tools**—Import design assets created with Adobe Flash Professional, Illustrator,® Photoshop,® or Fireworks.® Roundtrip projects between Adobe Flash Catalyst® CS5.5 and Flash Builder 4.5. Use the compatibility checker to verify that applications can be updated in Flash Catalyst.

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

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

ENHANCED **Skinning and styling**—Customize application appearance using CSS and graphical property editors. Set commonly used properties and preview the results in Design View. Use the Theme Browser to apply themes to a project.

ENHANCED **Powerful testing tools**—Accelerate application performance using memory and performance profilers. Support for automated functional testing tools such as HP QuickTest Professional and FlexUnit is also available.

ENHANCED **Network Monitor**—Generate a detailed audit trail of all data passed between the local Flex application and the back end, assisting with debugging and performance tuning.

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)

· 1.5GB of available hard-disk space

· Java Virtual Machine (32 bit): IBM® JRE 1.6 or Sun™ JRE 1.6

· 1024x768 display (1280x800 recommended) with 16-bit video card

· DVD-ROM drive

· Eclipse 3.6.1 (for plug-in installation); the following distributions are supported: Eclipse IDE for Java EE Developers, Eclipse IDE for Java Developers, Eclipse Classic, Eclipse for PHP Developers

· Broadband Internet connection required for online services and to validate Subscription Edition (if applicable) on an ongoing basis*

Mac OS

· Intel® processor

· Mac OS X v10.6

· 1GB of RAM (2GB recommended)

· 1.5GB of available hard-disk space

· Java Virtual Machine (32 bit): JRE 1.6

· 1024x768 display (1280x800 recommended) with 16-bit video card

· DVD-ROM drive

· Eclipse 3.6.1 Cocoa version (for plug-in installation); the following distributions are supported: Eclipse IDE for Java EE Developers, Eclipse IDE for Java Developers, Eclipse Classic, Eclipse for PHP Developers

· Broadband Internet connection required for online services and to validate Subscription Edition (if applicable) on an ongoing basis*

Flash Builder 4.5 data-centric development features

· Adobe ColdFusion server: ColdFusion 8.0.1 or 9.0.1

· J2EE server: BlazeDS 4 or Adobe LiveCycle® Data Services 3.1

· PHP server: Zend Server Community Edition 5.x; Zend Server 5.x; Apache 2.2; or Microsoft IIS 5, 6, 7 with PHP 5.2

· Web services: WSDL 1.1

For updates to system requirements, visit *www.adobe.com/go/flashbuilder_upgrade.*

For more information

Product details:
www.adobe.com/go/flashbuilder

Upgrade details:
www.adobe.com/go/ flashbuilder_upgrade

The continuing evolution of creative power from Adobe

Flash Builder 4.5 can help you accelerate development, build higher performing applications, and more easily integrate new projects with your existing infrastructure. This feature-packed release is a must-have upgrade and improves workflow for developers and designers through integration with the Flash Catalyst interaction design tool.

Adobe Flash Builder version comparison	Flash Builder 4.5	Flash Builder 4	Flex® Builder™ 3
Mobile application development, testing, and packaging NEW	●		
Design View support for mobile applications NEW	●		
Code template library NEW	●		
Quick Assist NEW	●		
Roundtrip workflow with Adobe Flash Catalyst ENHANCED	●	●	
Service introspection using new Data/Service Explorer	●	●	
Drag-and-drop data binding	●	●	
Automatic generation of common code ENHANCED	●	●	
Custom code template creation ENHANCED	●	●	
ASDoc support	●	●	
Roundtrip editing with Adobe Flash Professional	●	●	
Flex Theme Browser	●	●	
Advanced text handling, text layout framework	●	●	
Package Explorer	●	●	
Powerful coding tools ENHANCED	●	●	●
Rich visual layout ENHANCED	●	●	●
Skinning and styling ENHANCED	●	●	●
Integration with Adobe Creative Suite design tools ENHANCED	●	●	●
Refactoring ENHANCED	●	●	●
Powerful code debugger ENHANCED	●	●	●