

FOR FLASH DEVELOPERS

ADOBE® AIR™

DELIVER RICH INTERNET APPLICATIONS ON THE DESKTOP



Adobe AIR software is a new cross-operating system runtime that enables Adobe Flash® developers to use their existing skills, code, and tools to build powerful rich Internet applications (RIAs) for the desktop.

Deploy engaging user experiences to the desktop

Adobe AIR enables you to build desktop RIAs that provide customized or branded user interfaces, integrate local and network data, interact with local and network applications, connect multiple network data sources, benefit from network resiliency, manage large volumes of data, and reuse components from browser RIAs. Adobe AIR includes the open source ActionScript™ virtual machine (Tamarin) from Adobe Flash Player 9 software; the open source WebKit engine, which supports a wide range of HTML specifications; and embedded local database functionality. This enables Adobe Flash developers to build and deploy a wide range of sophisticated applications consistently across multiple operating systems.

Enhance the power of RIAs

Adobe AIR applications combine the reach and ease of development of the web model with the power and convenience of the desktop. Application developers have access to a set of Adobe AIR APIs that expose desktop functionality and resources, including local file access and storage, drag-and-drop support, rich clipboard support, database access, background processing, system notifications, and more. This enables you to build immersive user experiences

that complement browser-based RIAs as well as data-driven applications that incorporate text, PDF documents, and rich multimedia.

Achieve rapid productivity

AIR supports a flexible programming model that helps developers achieve excellent productivity. When building Adobe AIR applications, you can leverage your Flash, Flex®, HTML, Ajax, or JavaScript development skills, work with the IDE and tools of your choice—from Adobe Flash CS3 Professional and Adobe Dreamweaver® CS3 software to Eclipse™ based Adobe Flex Builder™ 3 or even a simple text editor—to quickly build Adobe AIR applications or take existing Flash, Flex, or web applications to the desktop. The same Adobe AIR applications install across operating systems. With the seamless installation capability of Adobe AIR, delivering applications and the runtime is easy.

System requirements

Windows®

- Intel® Pentium® 1GHz processor
- Microsoft® Windows 2000 with Service Pack 4; Windows XP with Service Pack 2; or Windows Vista® Home Basic, Home Premium, or Ultimate
- 256MB of RAM

Macintosh

- PowerPC® G3 1GHz or Intel Core™ Duo 1.83GHz processor
- Mac OS X v10.4.10 or v10.5.x (PowerPC); Mac OS X v10.4.x or v10.5.x (Intel)
- 256MB of RAM

Pricing

Adobe AIR, the Adobe AIR SDK, and the Flex 3 SDK are available at no charge. The Adobe AIR Extension for Flash CS3 Professional is available at no charge to licensed users of Flash CS3 Professional, and the Adobe AIR Extension for Dreamweaver CS3 is available at no charge to licensed users of Dreamweaver CS3. For pricing on Adobe Flex Builder 3, visit www.adobe.com/go/flex. Tools are available for download at www.adobe.com/go/air.

Features and benefits of Adobe AIR

Familiar workflow

Use familiar workflows and Flash CS3 Professional to build rich user experiences for the desktop.

Flexible runtime

Leverage the proven, open-source Tamarin ActionScript 3 virtual machine used in Flash Player 9 or the open source WebKit engine for HTML-based applications.

Local file access

Leverage local storage, and read and write local files of any size containing text or binary content.

Embedded database

Build data-intensive applications with the integrated, open source, cross-platform SQLite database for improved application responsiveness and data manipulation.

Convenient desktop APIs

Connect RIAs to the desktop with drag-and-drop support, rich clipboard access, and more.

Enhanced networking

Give users broad and flexible options for accessing standard and wireless networks, including HTTP and RTMP, as well as binary and XML sockets.

Rich multimedia and video

Enjoy support for animations, bitmap and vector graphics, and audio, and deliver low-bandwidth, high-quality video, including H.263, H.264, AAC, MP3, Sorenson, and On2 VP6.

Multiwindow support and transparency

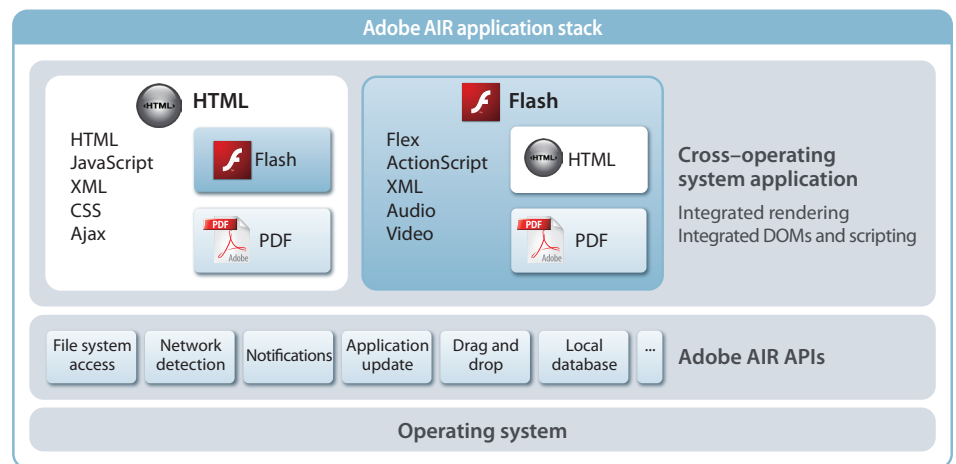
Take full control over the look and feel of applications for complete branding, including non-rectangular windows and custom chrome.

Cross-operating system compatibility

Use the Adobe AIR SDK to package cross-operating system, binary-compatible applications for easy deployment from web servers or on media.

Easy application delivery

Help users easily install AIR applications from the web with runtime support for application updates and maintenance.



The Adobe AIR architecture

For more information

For more details about Adobe AIR, visit www.adobe.com/go/air.



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