

# What is Adobe AIR? Overview of Adobe AIR

What is Adobe AIR? What is the function? Adobe AIR (formerly full-name Adobe Integration Runtime) is a cross-platform runtime system that allows developers to incorporate HTML, JavaScript, Adobe Flash® and Flex technologies, along with ActionScript® to deploy Rich Internet Application (RIA) applications on many different types of devices

What is Adobe AIR? What is the function? Those are questions that are quite a lot of people interested. To answer that question, the following article will give you an overview of Adobe AIR.

## What is Adobe AIR?

Adobe AIR (formerly full-name Adobe Integration Runtime) is a cross-platform runtime system that allows developers to incorporate HTML, JavaScript, Adobe Flash® and Flex technologies, along with ActionScript® to deploy Rich Internet Application (RIA) applications on a variety of devices, including desktops, netbooks, tablets, smartphones and TVs.



AIR allows developers to use familiar tools like Adobe Dreamweaver®, Flash Builder®, Flash Catalyst®, Flash Professional or any text editor to build their applications and easily provide A single installer can work on multiple operating systems. AIR applications can run on Internet browsers and support the development of applications with HTML, JavaScript and AIR software development toolkit. These applications allow users to interact with websites, RIAs and other Web services without using Internet browsers.

Some well-known applications built with Adobe AIR include eBay Desktop, Pandora One Desktop, TweetDeck, Adobe Media Player, Angry Birds and Machinarium, among other multimedia and task management applications. . According to Adobe's statistics, more than 100,000 unique applications have been developed on AIR and more than 1 billion installations of these applications have been recorded by users worldwide, as of mid-2014. Next, Adobe AIR was voted as the best mobile application development product at Consumer

Electronics Show (CES 2014 and CES 2015).

## Features of Adobe AIR

With Adobe AIR, developers have access to many functions including text, vector graphics, raster graphics, video, audio, camera and microphone. Adobe AIR also includes additional features such as file system integration, native client extensions, desktop integration, and access to connected devices. AIR allows applications to work with data in a variety of ways, such as using local files, local SQLite databases, database servers, or local stores. with AIR.

Developers can access additional functionality by building AIR Native extensions.

## Compare Adobe AIR with Flash Player

Adobe Flash Player is a browser plug-in that provides benefits to users and content creators, including the ability to distribute RIA within the browser. Adobe AIR incorporates technologies originally developed in Flash Player and enables RIA on desktop. AIR along with FlashPlayer provides additional implementation methods for RIAs.



## Which operating systems does Adobe AIR run?

Adobe AIR can run on Windows, Mac OS, Android, iOS, and BlackBerry.

## Where can I download Adobe AIR Runtime?

Depending on the type of device you can download and install Adobe AIR in different ways.

- Computer: Download from Adobe AIR Download Center.
- Android device: Download from Google Play.
- BlackBerry PlayBook: Runtime is preloaded and integrated in BlackBerry Tablet Operating System.

- iOS device: AIR application for iOS will install the "captive" AdobeAIR version; therefore, users do not need to install a dedicated AIR version.
- TV equipment: Runtime is preloaded on supported TVs.

## **How to download Adobe AIR SDK?**

The AIR SDK can be downloaded from the Adobe AIR SDK Download page.

## **Cost to use Adobe AIR?**

Both the Adobe AIR Runtime and the SDK are free for the vast majority of users.

## **Compare Adobe AIR with other Internet-connected applications, such as widgets**

AIR allows developers to build many applications, including widgets. AIR does not provide a widget manager like Sidebar or Top layer, but you can build a widget manager on AIR. Android widgets are not currently supported in AIR.

Now you understand what Adobe AIR is and some general knowledge of Adobe AIR, right? Naturally, within this article I can not introduce in detail, but hope the information just shared above can still be helpful for you!

You finished reading the article "**What is Adobe AIR? Overview of Adobe AIR**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.