

Adobe® Flex™ 2

The most complete application development solution for creating and delivering rich Internet applications within the enterprise and across the web

At A Glance

Adobe Flex 2 software offers the most complete set of tools for building interactive, dynamic, and engaging user experiences that revolutionize the way people interact with web applications. A comprehensive product family that includes integrated development environment (IDE) Built on Eclipse™, data services, and a software development kit, Flex 2 enables the creation of the next generation of sophisticated desktop-like applications that maintain the just-in-time deployment and cross-platform portability of the web. In addition to providing richer, more interactive web applications, Flex 2 enables developers to integrate rich data visualization components such as data grids and graphical charts, audio and video, collaborative features like whiteboards and co-browsing, and real-time data push. By using Adobe Flex 2 to create engaging, intuitive applications that are personalized to enhance the user experience, organizations can improve customer satisfaction, boost productivity, and empower users to make more informed decisions. Adobe Flex 2 is the most productive, cost-effective way for organizations to deliver engaging, cross-platform rich Internet applications (RIAs) that help organizations meet their business objectives on time and on budget.

Generate Value Across the Enterprise

Adobe Flex 2 enables developers to create RIAs that combine extensive reach and easy application distribution via Adobe's ubiquitous, free Macromedia® Flash® Player software, with powerful, intuitive user experiences to increase the value of IT.

Improved usability—Overcome the limitations of page-based HTML and request/response data access. Flex 2 enables development of richer, more usable, and personalized interfaces that increase productivity and simplify complex, multi-step tasks. RIAs created using Flex 2 can offer advanced features such as online/offline data synchronization, WYSIWYG printing, data visualization, and seamlessly integrated audio, video, and graphics.

Enhanced decision-making—Enable business users to make more informed decisions, faster. Flex 2 applications can aggregate data from numerous sources and enable users to view and analyze data in a visually rich, interactive interface.

Increased customer satisfaction—Drive revenue through more engaging customer experiences that reduce process abandonment, improve user satisfaction, and enable easier self-service.

Streamline and Accelerate Application Development and Deployment

Flex 2 offers a highly productive development model based on open standards and a rich set of development tools and data services that facilitate integration. Flex 2 integrates with existing infrastructures and applications, and Flex 2 user interfaces can be mixed with existing client-side technologies such as HTML and JavaScript.

Faster creation of application interfaces—Rapidly assemble rich user interfaces from a library of more than 100 reusable and extensible components. Use external APIs in Flex 2 to integrate with HTML, DHTML, and AJAX applications. Flex 2 delivers fine-grained control over application look and feel.



System Requirements

Adobe Flex Builder 2 (includes Flex 2 SDK and Adobe Flash Player 9)

- Intel® Pentium 4 processor
- Microsoft® Windows® XP with Service Pack 2, Windows XP Professional, Windows 2000 Server, Windows 2000 Pro, or Windows Server™ 2003
- 512MB of RAM (1GB recommended)
- 300MB of available hard-disk space to install
- Sun™ 1.4.2, Sun 1.5, and IBM® 1.4.2

Adobe Flex Data Services 2 (includes Flex 2 SDK and Flash Player 9)

- Microsoft Windows 2000 Server, Windows XP Professional, Windows Server 2003, Red Hat® Enterprise Server 4, or SUSE™ Linux® Enterprise Server 9 from Novell
- 512MB of RAM (1GB recommended)
- 400MB of available hard-disk space
- Java Virtual Machine: Sun 1.4.2_08 (Adobe's Macromedia® JRun™, BEA WebLogic, and Apache Tomcat only), BEA JRockit 1.4.2_08 (BEA WebLogic only), or IBM 1.4.2 (IBM WebSphere only)
- JRun 4 Updater 6 (included in integrated installation option), Apache Tomcat 4.1, BEA WebLogic 8.1 with SP2, or IBM WebSphere 5.1.1.8 or 6.0.2.5

Adobe Flash Player 9

- Microsoft Windows 98, ME, 2000, XP Professional, or Windows Server 2003
- Mac® OS X v.10.1.x, 10.2.x, 10.3.x, or 10.4.x
- 128MB of RAM

More productive development—Meet the increasingly complex requirements of enterprise application development. With Flex 2, developers can build and deploy applications quickly using a familiar programming language. The end-to-end structured programming model, Adobe Flex Builder™ 2 IDE, and visual development tools in Flex 2 save time, reduce errors, and simplify maintenance.

Increased performance and capabilities—Support for the ActionScript 3.0 object-oriented scripting language simplifies programming, improves application performance, and facilitates creation of reusable code sets. Code editing enhancements in Flex Builder 2 such as content assist, code collapse, auto import classes, and comments, make development in Flex 2 faster and more intuitive than ever.

Easier deployment—Extend a rich client experience to anyone on virtually any platform using the Flash Player.

Support for data services—Leverage built-in support for publish/subscribe messaging and a new data services programming model. Flex 2 provides powerful server-side data management channels such as Flash Remoting, publish/subscribe messaging, collaboration, and real-time data push.

Easier construction of data-intensive applications—More productively build complex applications with data synchronization, transactional control and conflict management, automatic paging for large data sets, and support for application clustering.

Intuitive, familiar processes—Flex 2 enables traditional Java™ developers to become proficient quickly because it is based on a standard declarative and procedural language that builds on developers' existing skill sets.

Easy to adopt—Start small and grow to meet organizational needs.

The Adobe Flex 2 Product Family

Adobe Flex Builder 2 with Charting

Built on Eclipse™ IDE plus chart library

Adobe Flex Data Services 2

Infrastructure for managing data integration and application communication

Adobe Flex 2 SDK

Compiler and documentation