Adobe® ColdFusion® 9

Rapidly build Internet applications for the enterprise

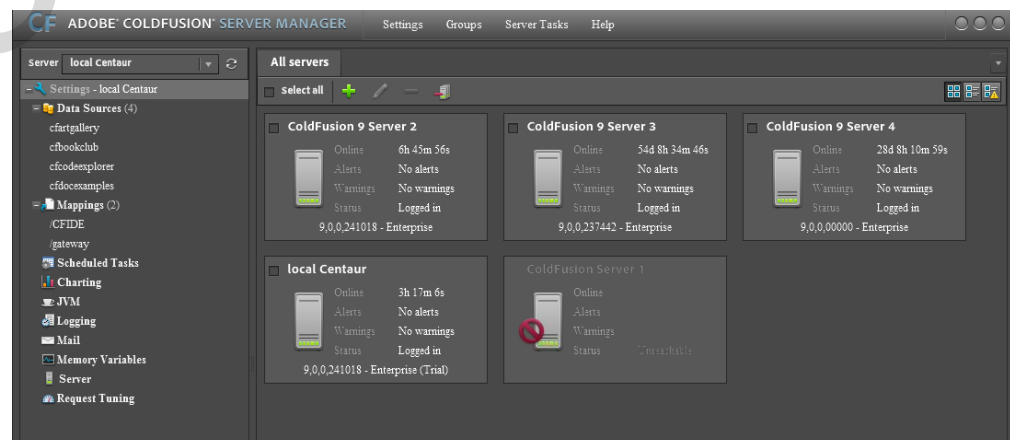Adobe ColdFusion 9 software enables developers to rapidly build enterprise-ready Internet applications by condensing complex business logic into fewer lines of code. Unique integration between ColdFusion and products in the Adobe Flash® Platform provides the easiest solution for building rich Internet applications (RIAs) from client to server.

Adobe ColdFusion Enterprise edition
Consider ColdFusion 9 Enterprise edition, which allows you to deliver multiple applications on one or more servers.

Develop and manage applications quickly and easily—ColdFusion 9 lets you condense complex and powerful business logic into fewer lines of code that can be reused, helping you to save time and reduce errors. It provides insight into applications across servers and helps you maintain a consistent configuration across clusters to more efficiently manage your environment. Using ColdFusion 9, you can improve application performance with more granular control over code, templates, and applications. And speed up application development with the tight integration between ColdFusion 9 and Adobe ColdFusion Builder™ software, the new Eclipse™ based IDE.

Rapidly build rich interfaces for new and existing ColdFusion applications—By leveraging the unique integration between ColdFusion 9 and the products in the Adobe Flash Platform, you can accelerate the development of RIAs and interfaces, from client to server. Built-in support for Ajax controls enables you to easily create rich interfaces using Ajax and to build more compelling and intuitive applications. New controls include mapping, multimedia player, multifile upload, accordion navigation, progress indicator, confirmations, alerts, buttons, and sliders. In addition, you can now leverage the power of ColdFusion enterprise services via AMF or SOAP without writing a single line of CFML.

Integrate ColdFusion applications with enterprise technologies—Using the enterprise services in ColdFusion 9, you can easily access data from an existing infrastructure. It's also easy to build a hub application for enterprise personnel by including Microsoft Exchange enterprise messaging, calendaring, a contact list, and task management. You can expose data from Microsoft Office SharePoint web services to a ColdFusion application and dynamically generate office documents for reporting, decision making, and presentations. Leverage .NET objects from other applications to build a hub application for multiple enterprise resources. Also integrate with Java™ objects, IMAP, and more.

With Server Manager, you can perform administrative tasks across multiple ColdFusion servers from one central console.

System requirements

Windows®

- Intel® Pentium® II or AMD Athlon processor
- Microsoft® Windows 2000 Professional with Service Pack 3; Windows 2000 Server, Advanced Server, or Datacenter Server with Service Pack 3; Windows Server® 2003 Web, Standard, or Enterprise Edition with Service Pack 1 and R2; Windows Server 2008; Windows XP Professional or Home Edition; or Windows Vista® with Service Pack 2
- 512MB of RAM (1GB recommended)
- 500MB of available hard-disk space
- DVD-ROM drive

Mac OS

- PowerPC® G4 or G5 or Intel Pentium 4 processor
- Mac OS X v.10.4.x or v10.5.x
- 512MB of RAM (1GB recommended)
- 500MB of available hard-disk space
- DVD-ROM drive

Linux®

- Intel Pentium II or AMD Athlon processor
- Red Hat® Linux AS or ES 3.0, 4.0, or 5.0; SUSE® Linux Enterprise Server 9 or 10
- 512MB of RAM (1GB recommended)
- 500MB of available hard-disk space
- DVD-ROM drive

Solaris™

- SPARC® processor
- Solaris 9 or 10
- 512MB of RAM (1GB recommended)
- 500MB of available hard-disk space
- DVD-ROM drive

AIX® (RS/6000)

- POWER3 processor
- IBM® AIX 5L 5.2 or 5.3
- 512MB of RAM (1GB recommended)
- 500MB of available hard-disk space
- DVD-ROM drive

For more information

Product details:
www.adobe.com/products/coldfusion

Upgrade details:
www.adobe.com/products/coldfusion/upgrade

Top new features

Office file interoperability—Dynamically generate office documents for reporting, decision making, and presentations. Read, create, and update spreadsheets using the new CFSPREADSHEET tag. Programmatically generate PDF files from Microsoft PowerPoint and Word files. Dynamically produce presentations in HTML or SWF from PowerPoint presentations directly on the server.

Object-relational mapping—Build database-independent applications using object-relational mapping (ORM) based on the open source Hibernate library. Save time and manage database logic and connectivity without writing any SQL. Use the ORM Application Wizard in ColdFusion Builder to generate ColdFusion components (CFCs) for logic and connectivity without writing a single line of code.

Microsoft Office SharePoint integration—Expose data from Microsoft Office SharePoint web services to a ColdFusion application with the new CFSHAREPOINT tag. Additionally, use the single sign-on capability in SharePoint to display a ColdFusion application as a web part within a SharePoint site without requiring users to reenter their credentials.

Enhanced Adobe Flash Platform integration—Take advantage of faster Flash Remoting to help increase application performance. Use ColdFusion as a Service to speed up RIA development by easily accessing many existing enterprise services via AMF without writing a single line of CFML.

ColdFusion as a Service—Leverage the power of ColdFusion enterprise services via AMF or SOAP without writing a single line of CFML. These services include CFCHART, CFDOCUMENT, CFIMAGE, CFMAIL, CFPDF, and CFPOP. Also make your application more secure by sandboxing these services to prevent access by unknown applications.

Adobe AIR® local/remote database synchronization—Offer users applications with online/offline capability featuring reliable data management. Using SQLLite in the client and ORM on the server, ColdFusion 9 dynamically manages conflict resolution and data synchronization between the client and the server when your application comes back online.

New Ajax controls—Build more compelling and intuitive applications with a broader set of Ajax controls that leverage the new Ext JS 3.0 library via CFML tags and attributes. New controls include mapping, multimedia player, multifile upload, accordion navigation, progress indicator, confirmations, alerts, buttons, and sliders.

Server Manager—Save time by simultaneously performing administrative tasks across multiple servers from one central console. You can create data sources, schedule tasks, apply hot fixes, clear caches, and compare settings across a cluster of ColdFusion servers.

Built-in support for portlet standards—Expose a host of enterprise applications, including ColdFusion applications, in one integrated portal. ColdFusion 9 allows you to define a ColdFusion component as a portlet. This includes support for Java Portlet Specifications JSR 168 and JSR 286.

Tight integration with ColdFusion Builder—Leverage the power of ColdFusion Builder, a highly customizable, Eclipse based IDE that enables developers to build ColdFusion applications faster than ever before.

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