

Adobe® ColdFusion® 9

Feature improvement history



Features		ColdFusion 9		ColdFusion 8		ColdFusion MX7	
		Enterprise	Standard	Enterprise	Standard	Enterprise	Standard
Application development and infrastructure services	Object-relational mapping (ORM)	●	●				
	Advanced caching (ehcache)	●	●				
	Embedded Apache Lucene Solr full-text search engine	●	●				
	Ajax user interface components	●	●	○	○		
	Ajax framework	○	○	○	○		
	Adobe LiveCycle® Data Services ES integration	○*	○	○	○		
	Image manipulation	○	○	○	○		
	RSS/Atom feed creation and consumption	○	○	○	○		
	Eclipse™ based debugging	○	○	○	○		
	ZIP and JAR archive file manipulation	○	○	○	○		
	Database introspection	○	○	○	○		
	Custom chart styles	○	○	○	○	○	○
	Adobe Flash® based forms	○	○	○	○	○	○
	Flash Remoting	●	●	○	○	○	○
	XML forms	○	○	○	○	○	○
	Adobe Dreamweaver® and Eclipse extensions	●	●	○	○	○	○
	Embedded Verity full-text search engine	○	○	○	○	○	○
	Charting and graphing	○	○	○	○	○	○
	Application events (Application.cfc)	●	●	○	○	○	○
	ColdFusion components (CFCs)	●	●	○	○	○	○
	XML support	○	○	○	○	○	○
	Web services (SOAP and REST)	○	○	○	○	○	○
	File manipulation	○	○	○	○	○	○
	Database transaction management	●	●	○	○	○	○
	User-defined functions	○	○	○	○	○	○
	In-memory SQL (query or queries)	○	○	○	○	○	○
	Dynamic e-mail	○	○	○	○	○	○
Information management	Microsoft SharePoint web parts	●	●				
	Microsoft SharePoint single sign-on	●	●				
	Java™ portal integration (JSR-168, JSR-286, WSRP)	●	●				
	E-mail servers (POP and IMAP)	●	●				
	.NET assembly support (DLL)	○	○	○	○		
	Windows NT® domain authentication	○	○	○	○	○	○
	Microsoft Exchange Server integration	○	▲	○	▲		
	Directory servers (Active Directory and LDAP)	○	○	○	○	○	○
	Java, servlet, and EJB connectivity	○	○	○	○	○	○
	JDBC and ODBC	○	○	○	○	○	○
	FTP/SFTP servers	○	○	○	○	○	○
	COM connectivity	○	○	○	○	○	○
	CORBA object connectivity	○	○	○	○	○	○

- New feature
- ▲ New enterprise feature
- Enhanced feature
- ▲ Enhanced enterprise feature
- Available feature
- △ Enterprise feature

Enterprise features run through the Enterprise Feature Router (EFR). These features run in the Standard edition. However, all features running through the EFR are limited to one shared simultaneous request.

Feature improvement history *continued*

Features		ColdFusion 9		ColdFusion 8		ColdFusion MX7	
		Enterprise	Standard	Enterprise	Standard	Enterprise	Standard
Server management	Desktop-based Server Manager	●	●				
	Web-based server administration	○	○	○	○	○	○
	Administrator API	○	○	○	○	○	○
	Compiled application deployment (sourceless)	○	○	○	○	○	○
Document services	Microsoft PowerPoint file generation	●	▲				
	PDF file conversion from Microsoft Word and PowerPoint	●	▲				
	Microsoft Excel support	●	▲				
	PDF form processing	○	△	○	△		
	PDF document manipulation	●	▲	○	△		
	Server-side printing	○	△	○	△		
	Online presentation generation	●	▲	○	△		
	PDF file generation from HTML	○	△	○	△	○	△
	Adobe FlashPaper [®] document generation	○	△	○	△	○	△
	Structured reporting	○	△	○	△	○	△
Enterprise programming	Virtual file systems (RAM)	●	●	○			
	Multi-threaded CFML (CFTHREAD)	○	△†	○	△†		
Advanced protocol support	Gateway architecture	○	△	○	△	○	
	Data management service	○	○	○	○		
	Data services messaging	○	○	○	○		
	Enterprise IM gateways (Sametime and XMPP)	○	△	○	△	○	
	Asynchronous CFML gateway	○	△	○	△	○	
	SMS gateway	○	△	○	△	○	
	JMS gateway	○	△	○	△	○	
	TCP/IP socket gateway	○	△	○	△	○	
Directory Watcher gateway	○	△	○	△	○		
Enterprise infrastructure	64-bit support	○	●	○			
	Server monitoring dashboard	○		○			
	Server monitoring API	○		○			
	Administrative user and role management	○		○			
	Request limit management	○		○			
	Operating system virtualization support	○‡		○‡			
	RSA FIPS 140-compliant strong cryptology	○		○			
	High-scalability e-mail engine	○		○		○	
	Web-based multi-instance manager	○		○		○	
	Web-based cluster manager	○		○		○	
	JEE package deployment (EAR/WAR)	○		○		○	
	Multiple server instances	○		○		○	
	Instance clustering	○		○		○	
	Enterprise database drivers	○		○		○	
	Full J2EE server included (Adobe Jrun [™])	○		○		○	
	ColdFusion archiving and deployment (CAR)	○		○		○	
Enterprise server security (sandboxing)	○		○		○		

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* LiveCycle Data Services ES integration does not include a license for use. It must be purchased separately or may be used under the Express edition license. See the LiveCycle Data Services ES End-User License Agreement (EULA) for information regarding use of the LiveCycle Data Services ES Express edition license.
 † CFTHREAD is limited to two additional spawned threads in Standard edition.
 ‡ Support for multiple instances of VMware or Microsoft Virtual Server.

