

Adobe® ColdFusion® 10

Feature improvement history



Classes	Features	ColdFusion 10		ColdFusion 9		ColdFusion 8		
		Enterprise	Standard	Enterprise	Standard	Enterprise	Standard	
Advanced Protocol support	Gateway architecture	Available	Restricted	Available	Restricted	Available	Restricted	
	Data management service	Available	Restricted	Available	Restricted	Available	Restricted	
	Data services messaging	Available	Available	Available	Available	Available	Available	
	Enterprise IM gateways (Sametime and XMPP)	Available	Restricted	Available	Restricted	Available	Restricted	
	Asynchronous CFML gateway	Available	Restricted	Available	Restricted	Available	Restricted	
	SMS gateway	Available	Restricted	Available	Restricted	Available	Restricted	
	JMS gateway	Available	Restricted	Available	Restricted	Available	Restricted	
	TCP/IP socket gateway	Available	Restricted	Available	Restricted	Available	Restricted	
	Directory watcher gateway	Available	Restricted	Available	Restricted	Available	Restricted	
Application Development	Object relational mapping (ORM)	Enhanced	Enhanced	Available	Available	Not Available	Not Available	
	ORM text search	New	Not Available	Not Available	Not Available	Not Available	Not Available	
	Advanced caching (ehcache)	Enhanced	Enhanced	Available	Available	Not Available	Not Available	
	Ajax user interface component	Available	Available	Enhanced	Enhanced	Available	Available	
	Ajax framework	Available	Available	Available	Available	Available	Available	
	Image manipulation	Available	Available	Available	Available	Available	Available	
	RSS/Atom feed creation and consumption	Available	Available	Available	Available	Available	Available	
	ZIP and JAR archive file manipulation	Available	Available	Available	Available	Available	Available	
	Database introspection	Available	Available	Available	Available	Available	Available	
	Custom server side chart styles	Available	Available	Available	Available	Available	Available	
	Server side charting and graphing	Available	Available	Available	Available	Available	Available	
	ColdFusion components (CFCs)	Enhanced	Enhanced	Enhanced	Enhanced	Available	Available	
	XML support	Available	Available	Available	Available	Available	Available	
	XPath support	New	New	Not Available	Not Available	Not Available	Not Available	
	Web services (SOAP)	Enhanced	Enhanced	Available	Available	Available	Available	
	Built-in support for REST	New	New	Not Available	Not Available	Not Available	Not Available	
	File manipulation	Available	Available	Available	Available	Available	Available	
	.NET assembly support (DLL)	Available	Available	Available	Available	Available	Available	
	Java, servlet, and EJB connectivity	Available	Available	Available	Available	Available	Available	
	JDBC and ODBC	Available	Available	Available	Available	Available	Available	
	FTP/SFTP servers	Available	Available	Available	Available	Available	Available	
	Virtual file systems (RAM)	Enhanced	Enhanced	Available	Available	Not Available	Not Available	
	Virtual file systems (ZIP, JAR, FTP, SFTP)	New	New	Not Available	Not Available	Not Available	Not Available	
	* Multi-threaded CFML - (CFTHREAD)	Available	Restricted	Available	Restricted	Available	Restricted	
	Database client connection management	New	New	Not Available	Not Available	Not Available	Not Available	
	Support for additional database types	New	New	Not Available	Not Available	Not Available	Not Available	
	Database exception handling	Enhanced	Enhanced	Available	Available	Available	Available	
	Failover support for database	New	New	Not Available	Not Available	Not Available	Not Available	
	Revamped scheduler engine	New	New	Not Available	Not Available	Not Available	Not Available	
	Grouping of scheduled tasks	New	New	Not Available	Not Available	Not Available	Not Available	
	Mis-fire and exception handling of scheduled tasks	New	Not Available	Not Available	Not Available	Not Available	Not Available	
	Scheduled task priority	New	New	Not Available	Not Available	Not Available	Not Available	
	Listeners for scheduled tasks	New	Not Available	Not Available	Not Available	Not Available	Not Available	
	Cluster support for scheduled tasks	New	Not Available	Not Available	Not Available	Not Available	Not Available	
	Chaining of scheduled tasks	New	Not Available	Not Available	Not Available	Not Available	Not Available	
	Application specific scheduled tasks	New	Not Available	Not Available	Not Available	Not Available	Not Available	
	Support for closures	New	New	Not Available	Not Available	Not Available	Not Available	
	CFC Auto constructor	New	New	Not Available	Not Available	Not Available	Not Available	
	CFC method chaining	New	New	Not Available	Not Available	Not Available	Not Available	
	For-in support for queries and lists	New	New	Not Available	Not Available	Not Available	Not Available	
	Hotfix installer	New	New	Not Available	Not Available	Not Available	Not Available	
	Instant notification for updates in CF Administrator	New	New	Not Available	Not Available	Not Available	Not Available	
	CFScript support	Enhanced	Enhanced	Enhanced	Enhanced	Available	Available	
	Flex/ AIR Lazy loading	New	New	Not Available	Not Available	Not Available	Not Available	
	Document Services	MS Office 2010 PowerPoint file generation	New	Restricted	Not Available	Not Available	Not Available	Not Available
		PDF file conversion from MS Office 2010 Word and MS Office 2010 PowerPoint	New	Restricted	Not Available	Not Available	Not Available	Not Available
		MS Office 2010 Excel support	New	Restricted	Not Available	Not Available	Not Available	Not Available
PDF form processing		Available	Restricted	Available	Restricted	Available	Restricted	
PDF document manipulation		Available	Restricted	Enhanced	Restricted	Available	Restricted	
Server-side printing		Available	Restricted	Available	Restricted	Available	Restricted	
Online presentation generation		Available	Restricted	Enhanced	Restricted	Available	Restricted	
PDF file generation from HTML		Available	Restricted	Enhanced	Restricted	Available	Restricted	
Structured reporting		Available	Restricted	Enhanced	Restricted	Available	Restricted	
Enterprise infrastructure	64-bit support	Available	Available	Available	Available	Available	Not Available	
	Administrative user and role management	Available	Not Available	Available	Not Available	Available	Not Available	
	Request limit management	Available	Not Available	Available	Not Available	Available	Not Available	
	** Operating system virtualization support	Available	Not Available	Available	Not Available	Available	Not Available	

Feature improvement history *continued*

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		Enterprise	Standard	Enterprise	Standard	Enterprise	Standard
	High-scalability email engine	Available	Not Available	Available	Not Available	Available	Not Available
	Web-based multi-instance manager	Enhanced	Not Available	Available	Not Available	Available	Not Available
	Web-based cluster manager	Available	Not Available	Available	Not Available	Available	Not Available
	JEE package deployment (EAR/WAR)	Available	Not Available	Available	Not Available	Available	Not Available
	Multiple server instances	Enhanced	Not Available	Available	Not Available	Available	Not Available
	Instance clustering	Available	Not Available	Available	Not Available	Available	Not Available
	Enterprise database drivers	Available	Not Available	Available	Not Available	Available	Not Available
	ColdFusion archiving and deployment (CAR)	Available	Not Available	Available	Not Available	Available	Not Available
HTML5	HTML5 charts	New	Not Available	Not Available	Not Available	Not Available	Not Available
	Built-in HTML5 video player	New	New	Not Available	Not Available	Not Available	Not Available
	Fallback from HTML5 to Adobe Flash [®] and vice versa	New	New	Not Available	Not Available	Not Available	Not Available
	Skinning support for HTML5 video player	New	New	Not Available	Not Available	Not Available	Not Available
	Support for events and JavaScript interface for HTML5 video player	New	New	Not Available	Not Available	Not Available	Not Available
	Geo-location capability with CFMAP	New	New	Not Available	Not Available	Not Available	Not Available
	Support for HTML5 input types	New	New	Not Available	Not Available	Not Available	Not Available
	** Support for web socket protocol on server	New	Restricted	Not Available	Not Available	Not Available	Not Available
	** Interface for publish and subscribe using web socket	New	Restricted	Not Available	Not Available	Not Available	Not Available
	Custom styles for HTML5 charts	New	Not Available	Not Available	Not Available	Not Available	Not Available
Integrated solutions	Embedded Apache Solr full-text search engine	Enhanced	Enhanced	Available	Available	Not Available	Not Available
	Support for dynamic custom fields for Solr	New	New	Not Available	Not Available	Not Available	Not Available
	Data import handler for Solr	New	Not Available	Not Available	Not Available	Not Available	Not Available
	Adobe LiveCycle [®] Data Services ES integration	Available	Available	Available	Available	Available	Available
	Eclipse [™] based debugging	Available	Available	Available	Available	Available	Available
	Flash Remoting	Available	Available	Enhanced	Enhanced	Available	Available
	Adobe Dreamweaver [®] and Eclipse extensions	Enhanced	Enhanced	Enhanced	Enhanced	Available	Available
	User-defined functions	Available	Available	Available	Available	Available	Available
	Microsoft SharePoint web parts	Available	Available	Available	Available	Not Available	Not Available
	Microsoft SharePoint single sign-on	Available	Available	Available	Available	Not Available	Not Available
	Java [™] portal integration (JSR-168, JSR-286, WSRP)	Available	Available	Available	Available	Not Available	Not Available
	Email servers (POP and IMAP)	Available	Available	Available	Available	Not Available	Not Available
	Support for Microsoft Exchange 2010	New	New	Not Available	Not Available	Not Available	Not Available
	Microsoft Exchange Server integration	Enhanced	Restricted	Available	Restricted	Available	Restricted
	Directory servers (Active Directory and LDAP)	Available	Available	Available	Available	Available	Available
	Apache Tomcat integration	New	New	Not Available	Not Available	Not Available	Not Available
	Revamped Flash Video Player	New	New	Not Available	Not Available	Not Available	Not Available
	Bi-directional Java integration	New	New	Not Available	Not Available	Not Available	Not Available
	Load Java classes from custom paths	New	New	Not Available	Not Available	Not Available	Not Available
	Create Java dynamic proxies from CFCs	New	New	Not Available	Not Available	Not Available	Not Available
	Invoke CFCs from Java classes						
	Tight integration with CFBuilder	Enhanced	Enhanced	Available	Available	Not Available	Not Available
Security	Windows NT [™] domain authentication	Available	Available	Available	Available	Available	Available
	RSA FIPS 140-compliant strong cryptology	Available	Not Available	Available	Not Available	Available	Not Available
	Enterprise server security (sandboxing)	Available	Not Available	Available	Not Available	Available	Not Available
	Built-in functions to protect against XSS and CSRF	New	New	Not Available	Not Available	Not Available	Not Available
	Login mechanism	Enhanced	Enhanced	Available	Available	Available	Available
Session cookie management	Enhanced	Enhanced	Available	Available	Available	Available	
Server manager and monitor	Desktop-based server manager	Enhanced	Not Available	Available	Not Available	Not Available	Not Available
	Web-based server administration	Enhanced	Enhanced	Available	Available	Available	Available
	Administrator API	Enhanced	Enhanced	Available	Available	Available	Available
	Compiled application deployment (sourceless)	Available	Available	Available	Available	Available	Available
	Server monitoring dashboard	Enhanced	Enhanced	Available	Available	Available	Available
	Server monitoring API	Enhanced	Not Available	Available	Not Available	Available	Not Available

* On Standard Edition, the maximum limit of threads that can be spawned via CFTHREAD is 10. Threads created by CFTHREAD in excess of this are queued. There is no such limit on Enterprise Edition.

** Data can be pushed to no more than five clients on Standard, unlimited on Enterprise

— Restricted features in ColdFusion Standard Edition: 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

