

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				
	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				
	Scheduled task priority	New	New	Not Available	Not Available	Not Available	Not Available
	Listeners for scheduled tasks	New	Not Available				
	Cluster support for scheduled tasks	New	Not Available				
	Chaining of scheduled tasks	New	Not Available				
	Application specific scheduled tasks	New	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				
	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				
	Integrated solutions	Embedded Apache Solr full-text search engine	Enhanced	Enhanced	Available	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				
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
	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
Server manager and monitor	Session cookie management	Enhanced	Enhanced	Available	Available	Available	Available
	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

* CFTHREAD is limited to two additional spawned threads in Standard 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

