Adobe ColdFusion 11

Feature improvement history

Classes	Features are included in each edition of Adobe ColdFusion	ColdFusion 11		ColdFusion 10		ColdFusion 9	
		Enterprise	Standard	Enterprise	Standard	Enterprise	Standard
Mobile development	Client-side database integration	New	New				
	CFML-based mobile app development	New	New				
	Device detection	New	New				
	Native device APIs	New	New				
	On-device debugging	New	New				
	Remote inspection	New	New				
	Client-side database access	New	New				
	Custom tag framework	New	New				
Application development	Full CFSCRIPT support	New	New				
	Member functions	New	New				
	QueryExecute and Elvis operator	New	New				
	Social login support and social plug-in integration	New	New				
	Custom serialiser and de-serialiser for JSON and XML	New	New				
	Multisite RESTful web services	New					
	Object-relational mapping (ORM)	Enhanced	Enhanced	●	●	●	●
	ORM text search	●		●			
	Advanced caching (ehcache)	Enhanced	Enhanced	●	●	●	●
	Ajax UI component	Enhanced	Enhanced	●	●	Enhanced	Enhanced
	Ajax framework	Enhanced	Enhanced	●	●	●	●
	Image manipulation	●	●	●	●	●	●
	RSS and atom feed creation and consumption	●	●	●	●	●	●
	ZIP and JAR archive file manipulation	●	●	●	●	●	●
	Database introspection	●	●	●	●	●	●
	Custom server-side chart styles	●	●	●	●	●	●
	Server-side charting and graphing	●	●	●	●	●	●
	ColdFusion components (CFCs)	Enhanced	Enhanced	Enhanced	Enhanced	Enhanced	Enhanced
	XML support	●	●	●	●	●	●
	XPath support	●	●	●	●		
	Web services (SOAP)	Enhanced	Enhanced	Enhanced	Enhanced	●	●
	Built-in support for REST	Enhanced	Enhanced	●	●		
	File manipulation	●	●	●	●	●	●
	.NET assembly support (DLL)	●	●	●	●	●	●
	Java, servlet, and EJB connectivity	●	●	●	●	●	●
	JDBC and ODBC	Enhanced	Enhanced	●	●	●	●
	FTP and SFTP servers	Enhanced	Enhanced	●	●	●	●
	Virtual file systems (RAM)	Enhanced	Enhanced	●	●	●	●

Feature improvement history *continued*

	Feature	Col1	Col2	Col3	Col4	Col5	Col6
	Virtual file systems (ZIP, JAR, FTP, SFTP)	Enhanced	Enhanced	●	●		
	Multithreaded CFML[1] (CFTHREAD)	●	○	●	○	●	○
	Database client connection management	●	●	●	●		
	Support for additional database types	Enhanced	Enhanced	●	●		
	Database exception handling	●	●	●	●		
	Failover support for database	●	●	●	●		
	Revamped scheduler engine	●	●	●	●		
	Grouping of scheduled tasks	●	●	●	●		
	Misfire and exception handling of scheduled tasks	●		●			
	Scheduled task priority	●		●			
	Listeners for scheduled tasks	●		●			
	Cluster support for scheduled tasks	●		●			
	Chaining of scheduled tasks	●		●			
	Application-specific scheduled tasks	●		●			
	Support for closures	●		●			
	CFC auto constructor	●	●	●	●		
	CFC method chaining	●	●	●	●		
	For-in support for queries and lists	●	●	●	●		
	Hotfix installer	●	●	●	●		
	Instant notification for updates in ColdFusion Administrator	●	●	●	●		
	CFSCRIPT support	Enhanced	Enhanced	Enhanced	Enhanced	Enhanced	Enhanced
	Flex and Adobe AIR lazy loading	●	●	●	●		
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	●	○	●	○	●	○
Document services	PDF digital signatures	New					
	PDF archiving	New					
	Full PDF DDX support	New					
	Cluster support for HTML to PDF conversion	New					
	Microsoft Office 2010 PowerPoint file generation	Enhanced	Enhanced	●	○		
	PDF file conversion from Microsoft Office 2010 Word and PowerPoint	Enhanced	Enhanced	●	○		
	MS Office 2010 Excel support	Enhanced	○	●	○		
	PDF form processing	Enhanced	○	●	○	●	○
	PDF document manipulation	Enhanced	○	●	○	Enhanced	○

Feature improvement history *continued*

Category	Feature						
	Server-side printing	Enhanced	○	●	○	●	○
	Online presentation generation	Enhanced	○	●	○	Enhanced	○
	PDF file generation from HTML	Enhanced	○	●	○	●	○
	Structured reporting	Enhanced	○	●	○	●	○
Enterprise infrastructure	64-bit support	●	●	●	●	●	●
	Administrative user and role management	●		●		●	
	Request limit management	●		●		●	
	Operating system virtualisation support[2]	●		●		●	
	High-scalability email engine	●		●		●	
	Web-based multi-instance manager	Enhanced		Enhanced		●	
	Web-based cluster manager	●		●		●	
	JEE package deployment (EAR and WAR)	●		●		●	
	Multiple server instances	Enhanced		Enhanced		●	
	Instance clustering	●		●		●	
	Enterprise database drivers	●		●		●	
	ColdFusion archiving and deployment	●		●		●	
HTML5	Cluster support for HTML5 web sockets	●					
	Port 80 support for HTML5 web sockets	●	●				
	SSLv3 support for HTML web sockets	●	●				
	HTML5 charts	●	●	●			
	Built-in HTML5 videoplayer	●	●	●	●		
	Fall back from HTML5 to Adobe Flash technology and vice versa	●	●	●	●		
	Skinning support for HTML5 video player	●	●	●	●		
	Support for events and JavaScript interface for HTML5 video player	●	●	●	●		
	Geo-location capability with CFMAP	●	●	●	●		
	Suport for HTML5 input types	●	●	●	●		
	Support for web socket protocol on server	●	●	●	○		
	Interface for publish and subscribe using web sockets	●	○	●	○		
	Custom styles for HTML5 charts	●	●	●			
Integrated solutions	Embedded Apache Solr full-text search engine	Enhanced	Enhanced	Enhanced			
	Support for dynamic custom fields for Solr	●		●			
	Data import handler for Solr	●		●			
	Adobe LiveCycle Data Services ES integration	●	●	●	●	●	●
	Eclipse based debugging	●	●	●	●	●	●
	Flash remoting	●	●	●	●	Enhanced	Enhanced
	Adobe Dreamweaver and Eclipse extensions	●	●	Enhanced	Enhanced	Enhanced	Enhanced
	User-defined functions	●	●	●	●	●	●
	Microsoft SharePoint web parts	●	●	●	●	●	●
	Microsoft SharePoint single sign-on	●	●	●	●	●	●

Feature improvement history *continued*

	Java portal integration (JSR-168, JSR-286, WSRP)	●	●	●	●	●	●
	Email servers (POP and IMAP)	●	●	●	●	●	●
	Support for Microsoft Exchange 2010	Enhanced	Enhanced	●	●		
	Microsoft Exchange server integration	Enhanced	Enhanced	●	●	●	○
	Directory servers (Active Directory and LDAP)	●	●	●	●	●	●
	Apache Tomcat integration	●	●	●	●		
	Revamped Adobe Flash video player	●	●	●	●		
	Bidirectional Java integration	●	●	●	●		
	Java classes loaded from custom paths	●	●	●	●		
	Java dynamic proxies from CFCs	●	●	●	●		
	Ability to invoke CFCs from Java classes	●	●	Enhanced	Enhanced	●	
	Tight integration with ColdFusion Builder	Enhanced	Enhanced	Enhanced	Enhanced	●	
Security	Windows NT domain authentication	●	●	●	●	●	
	RSA FIPS 140–compliant strong cryptology	●		●		●	
	Security sandboxing	●		●		●	
	Built-in functions to protect against XSS and CSRF	●	●	●	●		
	Login mechanism	Enhanced	Enhanced	Enhanced	Enhanced	●	
	Session cookie management	Enhanced	Enhanced	Enhanced	Enhanced	●	
Server manager and monitor	Desktop-based server manager	Enhanced		Enhanced		●	
	Web-based server administration	Enhanced	Enhanced	Enhanced	Enhanced	●	●
	Administrator API	Enhanced	Enhanced	Enhanced	Enhanced	●	●
	Compiled application deployment (sourceless)	●	●	●	●	●	●
	Server monitoring dashboard	Enhanced	Enhanced	Enhanced	Enhanced	●	●
	Server monitoring API	Enhanced		Enhanced		●	

●	Available
○	Restricted
Enhanced	Enhanced feature
Blank	Not available
Green Color	New feature

[1] CFThread limited to two additional spawned threads in Standard edition.

[2] Support for multiple instances of VMware or Microsoft virtual server.

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