

Adobe ColdFusion 11

Feature improvement history



Classes	Features are included in each edition of	ColdFus	ColdFusion 11		ColdFusion 10		ColdFusion 9	
	Adobe ColdFusion	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 Custom tag framework	New	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	•		٠				
	Advanced caching (ehcache)	Enhanced	Enhanced	•	•	•	•	
	Ajax UI component	Enhanced	Enhanced	٠	•	Enhanced	Enhanced	
	Ajax framework	Enhanced	Enhanced	•	•	•	•	
	Image manipulation	•	•	•	•	•	•	
	RSS and atom feed creation and consumption	•	•	•	•	•	•	
	ZIP and JAR archive file manipulation	•	•	٠	•	•	•	
	Database introspection	•	•	•	•	•	•	
	Custom server-side chart styles	•	٠	٠	٠	٠	•	
	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

Induction								
Database client connection managementi.e. <td></td> <td>Virtual file systems (ZIP, JAR, FTP, SFTP)</td> <td>Enhanced</td> <td>Enhanced</td> <td>•</td> <td>•</td> <td></td> <td></td>		Virtual file systems (ZIP, JAR, FTP, SFTP)	Enhanced	Enhanced	•	•		
Support for additional database typesEnhancedInhanced <td></td> <td>Multithreaded CFML¹ (CFTHREAD)</td> <td>•</td> <td>0</td> <td>•</td> <td>0</td> <td>•</td> <td>0</td>		Multithreaded CFML ¹ (CFTHREAD)	•	0	•	0	•	0
Delabse exception handling		Database client connection management	•	•	•	•		
Failover support for databaseindexindexindexindexindexRevamped scheduled tasksindexindexindexindexindexindexindexMisfre and exception handing of scheduled tasksindex <td></td> <td>Support for additional database types</td> <td>Enhanced</td> <td>Enhanced</td> <td>•</td> <td>•</td> <td></td> <td></td>		Support for additional database types	Enhanced	Enhanced	•	•		
Revamped scheduler enginee.e.e.e.e.e.e.Grouping of scheduled taskse.<		Database exception handling	•	•	•	•		
Grouping of scheduled tasksi.e.		Failover support for database	•	•	•	•		
IndexMinfra and exception handling of scheduled tasksInI		Revamped scheduler engine	•	•	•	•		
Scheduled task priority <td></td> <td>Grouping of scheduled tasks</td> <td>•</td> <td>•</td> <td>•</td> <td>•</td> <td></td> <td></td>		Grouping of scheduled tasks	•	•	•	•		
Internet for scheduled tasksInternet for scheduled tasks <td></td> <td>Misfire and exception handling of scheduled tasks</td> <td>•</td> <td></td> <td>•</td> <td></td> <td></td> <td></td>		Misfire and exception handling of scheduled tasks	•		•			
Cluster support for scheduled tasks666		Scheduled task priority	•		•			
Image: chaining of scheduled tasksImage: chaining of scheduled tasks tas		Listeners for scheduled tasks	•		•			
Application-specific scheduled tasksIII <td></td> <td>Cluster support for scheduled tasks</td> <td>•</td> <td></td> <td>•</td> <td></td> <td></td> <td></td>		Cluster support for scheduled tasks	•		•			
Support for closures		Chaining of scheduled tasks	•		•			
CFC auto constructorImage: section of the sectin of the		Application-specific scheduled tasks	•		•			
CFC method chainingend <t< td=""><td></td><td>Support for closures</td><td>•</td><td></td><td>•</td><td></td><td></td><td></td></t<>		Support for closures	•		•			
For-in support for queries and lists interport interport <td></td> <td>CFC auto constructor</td> <td>•</td> <td>•</td> <td>•</td> <td>•</td> <td></td> <td></td>		CFC auto constructor	•	•	•	•		
IndixIndixInstant notification for updates in ColdFusion AdministratorInstant notification for updates in ColdFusion AdministratorInstant notification for updates in ColdFusion AdministratorInstant coldFusion AdministratorInstant coldFusion AdministratorInstant coldFusion AdministratorInstant coldFusionInstant coldFusion <t< td=""><td></td><td>CFC method chaining</td><td>•</td><td>•</td><td>•</td><td>•</td><td></td><td></td></t<>		CFC method chaining	•	•	•	•		
Instant notification for updates in ColdFusion AdministratorInstant notification for updates in ColdFusion AdministratorInstant notification for updates in ColdFusion AdministratorInstanceEnhancedEnha		For-in support for queries and lists	•	•	•	•		
CFCRIPT support Enhanced		Hotfix installer	•	•	•	•		
International Advanced protocol supportInternational Gateway architectureInternational Gateway architectureInternational Gateway architectureInternational Gateway architectureInternational GatewayInternational 		Instant notification for updates in ColdFusion Administrator	•	•	•	•		
Advanced protocol support Gateway architecture Imagement service Imagement service <td></td> <td>CFSCRIPT support</td> <td>Enhanced</td> <td>Enhanced</td> <td>Enhanced</td> <td>Enhanced</td> <td>Enhanced</td> <td>Enhanced</td>		CFSCRIPT support	Enhanced	Enhanced	Enhanced	Enhanced	Enhanced	Enhanced
protocol support Gateway architecture Image (Gateway architecture) Image (Gate		Flex and Adobe AIR lazy loading	•	•	•	•		
Data services messagingImage: services messaging<		Gateway architecture	•	0	•	0	•	0
Interprise IM gateways (Sametime and XMPP) •<		Data management service	•	•	•	•	•	•
Asynchronous CFML gatewayImage: state of the		Data services messaging	•	•	•	•	•	•
MS gatewayMS gatewayMM<		Enterprise IM gateways (Sametime and XMPP)	•	0	•	0	•	0
JMS gatewayImage: style		Asynchronous CFML gateway	•	0	•	0	•	0
TCP/IP socket gatewayImage: social socia		SMS gateway	•	0	•	0	•	0
Directory watcher gateway Image: second		JMS gateway	•	0	•	0	•	0
Document servicesPDF digital signaturesNewIdentifyIdentifyIdentifyPDF archiving Full PDF DDX supportNewIdentifyIdentifyIdentifyIdentifyCluster support for HTML to PDF conversionNewIdentifyIdentifyIdentifyIdentifyMicrosoft Office 2010 PowerPoint file generationEnhancedEnhancedIdentifyIdentifyIdentifyPDF file conversion from Microsoft Office 2010 Word and PowerPointEnhancedIdentifyIdentifyIdentifyIdentifyMS Office 2010 Excel supportEnhancedIdentifyIdentifyIdentifyIdentifyIdentifyIdentifyPDF form processingEnhancedIdentifyIdentifyIdentifyIdentifyIdentifyIdentifyPDF form processingEnhanced <td></td> <td>TCP/IP socket gateway</td> <td>•</td> <td>0</td> <td>•</td> <td>0</td> <td>•</td> <td>0</td>		TCP/IP socket gateway	•	0	•	0	•	0
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 PDF file conversion from Microsoft Office 2010 Word and PowerPoint Enhanced MS Office 2010 Excel support Enhanced PDF form processing Enhanced		Directory watcher gateway	•	0	•	0	•	0
PDF archiving Full PDF DDX supportNewImage: supportImage: support </td <td></td> <td>PDF digital signatures</td> <td>New</td> <td></td> <td></td> <td></td> <td></td> <td></td>		PDF digital signatures	New					
Cluster support for HTML to PDF conversion New Image: Cluster support for HTML to PDF conversion New Image: Cluster support for HTML to PDF conversion Image: Cluster support for HTML to PDF conversion New Image: Cluster support for HTML to PDF conversion Image: Cluster support for HTML to PDF conversion Image: Cluster support for HTML to PDF conversion Image: Cluster support for HTML to PDF for processing	Services	PDF archiving	New					
Microsoft Office 2010 PowerPoint file generation Enhanced Enhanced o o PDF file conversion from Microsoft Office 2010 Word and PowerPoint Enhanced Enhanced o o Image: Conversion from Microsoft Office 2010 Word and PowerPoint Enhanced o o Image: Conversion from Microsoft Office 2010 Word and PowerPoint Enhanced o o Image: Conversion from Microsoft Office 2010 Word and PowerPoint Enhanced o o Image: Conversion from Microsoft Office 2010 Word and PowerPoint Image: Conversion from Microsoft Office 2010 Word and PowerPoint Image: Conversion from Microsoft Office 2010 Word and PowerPowerPoint Image: Conversion from Microsoft Office 2010 Word and PowerPowerPowerPowerPowerPowerPowerPower								
PDF file conversion from Microsoft Office 2010 Word and PowerPoint Enhanced Enhanced o o o MS Office 2010 Excel support Enhanced o								
PowerPoint Enhanced Enhanced • • MS Office 2010 Excel support Enhanced • • • PDF form processing Enhanced • • • •			Enhanced	Enhanced	•	0		
PDF form processing Enhanced o • o • o		PowerPoint	Enhanced	Enhanced	•	0		
		MS Office 2010 Excel support	Enhanced	0	•	0		
PDF document manipulation Enhanced o e o Enhanced o		PDF form processing	Enhanced	0	•	0	•	0
		PDF document manipulation	Enhanced	0	•	0	Enhanced	0

Feature improvement history continued

	,						
	Server-side printing	Enhanced	0	•	0	•	0
	Online presentation generation	Enhanced	0	•	0	Enhanced	0
	PDF file generation from HTML	Enhanced	0	•	0	•	0
	Structured reporting	Enhanced	0	•	0	•	0
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	•	•	•	0		
	Interface for publish and subscribe using web sockets	•	0	•	0		
	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	•	•	•	0
	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

 $^{\rm 1}$ CFThread limited to two additional spawned threads in Standard edition.

 $^{\rm 2}$ Support for multiple instances of VMware or Microsoft virtual server.

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