ColdFusion 8 Update 1 Release Notes, Part 1

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Contents

The ColdFusion 8 Update 1 Release Notes consists of two documents:

This document, Part 1, contains the following sections:

Welcome to ColdFusion 8 Update 1

The ColdFusion 8 Update 1 release is a follow-up to the extraordinarily well received initial release of ColdFusion 8. With this update, we have listened to our initial customers, who are already using ColdFusion 8 in many different ways, and have improved several key areas. First and foremost, we have added 64-bit support to nearly every platform. We have improved functionality in several areas including AJAX functions, CFPDF, and CFIMAGE. And we have updated several software libraries including Yahoo YUI, EXT JS, Spry, and the FCKEditor. These updates continue to improve upon the existing high quality in the ColdFusion implementation, and possibly more important, enable support for the Safari browser. We have also added some core language improvements, including nesting of structure and array creation and have made AttributeCollections significantly more powerful, allowing developers to create structures of information that can be re-used from one tag to another. These are just a few examples of the advancements made with this release. See "What's new and changed in this release" for details and the full list of feature additions.

The ColdFusion 8 release is one of our finest ever, but there is always room for improvement. So, in addition to the feature updates, we have also fixed a significant number of issues. Please take a look at "Issues Fixed in this Release" for details.

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What's new and changed in this release

The following table describe the updates that enhance or change the behavior of documented ColdFusion 8 features. It does not include information on bug fixes that do not change the documented behavior. This information will also be available as LiveDocs comments on the relevant pages in the online documentation.

Feature/Tag	Description

Installation and configuration	Previously, if you did not select the option for ODBC services, the installer did not put the required files on the disk, which made it difficult to configure ODBC services later. Now, if you do not select the ODBC services option, the installer installs the files, but does not configure the ODBC service. You can use the following script to configure the service at a later time:
	
	``
	<cfscript>
	    createObject("component","CFIDE.adminapi.administrator").login("admin_passwd");
	    //remove the service first if it exists, then reinstall
	    datasourceService = createObject("component", "CFIDE.adminapi.datasource");
	    try{
	        datasourceService.removeOdbcService();
	        }
	    catch("any" ex){
	        writeoutput(ex.message);
	    }
	    //install
	    try{
	        // Root directory is required if service is being configured
	        // post installation.
	        datasourceService.installOdbcService(<ColdFusion root dir>);
	        datasourceService.startOdbcService();
	    }
	    catch("any" ex){
	        writeoutput(ex.message);
	    }
	</cfscript>
	``

64-Bit system support	ColdFusion Enterprise and Developer editions can now run as 64-bit applications on the 64-bit versions of the following operating systems: • Windows 2008, Vista, 2003, and XP • Macintosh OS X Leopard • Red Hat Enterprise Linux 5 • Suse Linux 10 • Solaris 9 or 10 (Also supported in the initial ColdFusion 8 release) ColdFusion Standard edition runs in 32-bit mode on these systems. For details of supported combinations of 64-bit operating system, web server, application server, and JDK, and detailed installation instructions, see The ColdFusion 8.0.1 System Support Matrix.
JDK support	ColdFusion now supports Sun Java SE JDK 6 Update 3, version 1.6.0_03.
Updated software components	ColdFusion has been updated with the following software component releases: • The FCKEditor component used in the cftextarea tag's rich text editor has been updated to version 2.5. As a result, the rich text editor now supports Safari 3 and Opera 9.50 browsers. • The Yahoo YUI Library used for some AJAX-based controls has been updated to version 2.3. • The Ext JS framework used for some AJAX-based controls has been updated to version 1.1.1 • The Spry framework has been updated to version 1.6. • Verity K2 server support has been updated to Integrate Autonomy® K2 Toolkit V5.5.0 Service Pack 3. For detailed information, see verity/k2/common/patchinfo_k2tk.txt in the ColdFusion installation.

Feature/Tag	Description
AJAX JavaScript functions	You can now use the following ColdFusion AJAX JavaScript function, which returns the FCKEditor instance that underlies an existing textarea control's rich text editor: *object* = ColdFusion.RichText.getEditorObject(*textareaName*) Where *textareaName* is the value of the name attribute of the textarea tag that specifies a rich text editor. The returned object provides access to the operations of the internal FCKEditor. For detailed information on these operations, see the FCKEditor documentation

	The rich text editor now lets you define a ColdFusion.RichText.onComplete(*editorInstance*) function. When a rich text editor instance completes initializing, ColdFusion calls this function and passes it the FCKEditor instance that underlies the rich text editor. The function can then perform any needed post-initialization operations. The following simple example shows how you can use this function:
	
	 ``html
	<html>
	    <head>
	        <script type="text/javascript">
	        //User defines this function to get control once the rich text editor
	        //is done with its initialization
	        ColdFusion.RichText.OnComplete = function(editorInstance)
	        {
	            alert("on complete called");
	            alert("editor instance = " + editorInstance));
	        }
	        </script>
	    </head>
	    <body>
	        <cfform>
	            <cftextarea richtext = true name="richtext1">
	        </cfform>
	    </body>
	</html>
	``

	You can now use the following ColdFusion AJAX JavaScript function, which destroys a window instance: ColdFusion.Window.destroy(*windowName*[, *destroyElement*]) • windowName The name of the window to destroy • destroyElement A Boolean value specifying whether the HTML element associated with the window should also be destroyed. The default value is false.
	The ColdFusion.Window.create function can now take a Boolean refreshonshow configuration parameter. The default value is false.

Feature/Tag	Description
Attribute collections	The structure specified by an attributecollection attribute can now include additional entries that do not correspond to ColdFusion attributes. This behavior differs from the ColdFusion 8 behavior. You can enforce the ColdFusion 8 behavior, and prevent nonstandard attributes in the attributecollection, at three levels: • On the ColdFusion Administrator Server Settings > Settings page, the Allow Extra Attributes in AttributeCollection option specifies whether to allow non-standard attributes in the attribute collection structure. The default value is True. • In Application.cfc, you can use the Boolean this.allowExtraAttributes variable to override the Administrator variable value. The default value is to use the Administrator setting. • In the attribute collection structure, you can use a Boolean allowExtraAttributes field to override the Administrator and any Application.cfc settings. The default value is to use the Administrator setting if there is no Application.cfc setting, otherwise, use the Application.cfc setting. The Administrator API has been updated to support getting and setting the administrator's allowExtraAttributes value. Note: Some tags, including cfinvoke and cfdump, and others allow extra attributes by default. The preceding techniques cannot change this behavior.
	If you use an attributecollection attribute with a ColdFusion tag, you can now also specify individual tag attributes, as in the following example: `<cffeed attributecollection="#feedAttrs# overwrite="yes">` If an individual attribute has the same name as an entry in the attributecollection structure, ColdFusion uses the individual attribute value, not the value in the attribute collection.
CFML	ColdFusion now supports nesting structure and array creations by using syntax such as the following: `a=[[1,2],[3,4],[5,6,7],{a=2}]`

Feature/Tag	Description

cfdocumentitem	A new evalAtPrint attribute has been added to cfdocumentitem tag which is applicable when the item type is header or footer. The default value of this attribute is false.
	Note: The cfdocumentitem behavior with the default evalAtPrint value is identical to the behavior in ColdFusion MX 7, but differs from the behavior of the ColdFusion 8 release.
	
	When the evalAtPrint attribute value false ColdFusion evaluates the cfdocumentitem tag body at the time it processes the cfdocument tag. In this case, you can use CFDocument variables (TotalPageCount, CurrentPageNumber, TotalSectionPageCount and CurrentSectionPageNumber) only inside a cfoutput tag and not in any expression because the page numbers are not known until the cfdocument body content is evaluated and laid out.
	
	In order to use CFDocument variables in expressions inside the cfdocumentitem tag body, set the evalAtPrint attribute to true, as shown in the following example:
	
	`<cfdocument format="pdf">`
	`    <cfdocumentitem type="header" evalAtPrint="true">`
	`        <cfif (CFDocument.currentPageNumber % 2 eq 0)>`
	`            <cfoutput> Page number is even</cfoutput>`
	`        <cfelse>`
	`            <cfoutput> Page number is odd</cfoutput>`
	`        </cfif>`
	`    </cfdocumentitem >`
	`    Document body…`
	`</cfdocument>`
	
	In this case, ColdFusion evaluates the cfdocumentitem tag body when it prints the header and footer, and not when it evaluates the cfdocument tag body. This ensures that the cfdocumentitem tag body is already evaluated and laid out, and page number information is available when the cfdocumentitem tag body content is evaluated.
	
	A side effect of this behavior is that if a variable is used inside both the cfdocument and cfdocumentitem tags, the cfdocumentitem tag only gets the final value of the variable. The following example shows this behavior: the cfdocumentItem tag always gets 11 as the value of the variable i, so the headers on all the pages print "Chapter 11".
	
	`<cfdocument format="pdf" >`
	`    <cfloop from=1 to=10 index="i">`
	`        <cfdocumentsection>`
	`            <!--- the default value of evalAtPrint is false. --->`
	`            <cfdocumentitem type="header">`
	`                <cfoutput>Chapter #i#</cfoutput>`
	`            </cfdocumentitem >`
	`            Document section body.`
	`        </cfdocumentsection>`
	`    </cfloop>`
	`</cfdocument>`
	
	Continued on next page

Feature/Tag	Description
cfdocumentitem *(Continued)*	To handle this, you can now pass the variable into the cfdocumentitem tag as a custom attribute, as shown in the following example: ``` <cfdocument format="pdf" > <cfloop from=1 to=10 index="i"> <cfdocumentsection> <cfdocumentitem type="header" evalAtPrint="true" no = #i#> <cfoutput>Chapter #attributes.no#</cfoutput> <cfif (CFDocument.currentPageNumber % 2 eq 0)> <cfoutput> Page is even</cfoutput> <cfelse> <cfoutput> Page is odd</cfoutput> </cfif> </cfdocumentitem > Document Body. </cfdocumentsection> </cfloop> </cfdocument> ```
	You can now specify non-standard attributes in the cfdocumentitem tag. You can use these attributes in the tag body by specifying attributes.*attributename* as a variable name.
cfexchangecalendar	You can now specify categories and label elements in the event attribute structure. The category element has the same behavior as for contacts and tasks, and can be a comma-delimited list of category names. Valid values for the label attribute are None, Important, Business, Personal, Vacation, Must Attend, Travel Required, Needs Preparation, Birthday, Anniversary and Phone Call.
cfexecute	The cfexecute tag has two new attributes for accessing the error stream of the executed process. You can use either of the following attributes, but you cannot use both in the same tag. • errorVariable The name of a variable in which to save the error stream output. • errorFile The pathname of a file in which to save the error stream output. If not an absolute path (starting with a drive letter and a colon, or a forward or backward slash), it is relative to the ColdFusion temporary directory, which is returned by the GetTempDirectory function.
cfftp	The cfftp tag now accepts a timeout attribute, whose default value is 30 seconds, for all actions. For the open action, the timeout applies to establishing the connection. For all other actions, the timeout attribute value specifies both the operation timeout and the socket timeout. If you use a single tag to create a connection and perform an operation, ColdFusion applies the timeout value to the connection creation and the operation separately, so the maximum timeout for such a tag is twice the timeout attribute value. Code that uses the cfftp tag that does not specify a timeout attribute (such as code used with previous ColdFusion releases) generates a timeout error if the operation take more than 30 seconds. To resolve this issue, specify a timeout attribute with a value larger than 30.

Feature/Tag	Description

cffunction argumentcollection attribute	The behavior of the arguments in the arguments structure inside a ColdFusion function that takes named parameters has been changed. Now if you pass unnamed parameters to a function and do not also pass all of the function's named parameters, the unnamed (positional) parameters whose positions in the argumentcollection correspond to the missing named parameters are represented in the arguments structure with named parameters' names.
	
	You can access all parameters passed positionally to the function, including whether they appear in the arguments structure with a name or not, by using array notation. You can also access all named parameters using the arguments structure.
	
	The following example shows this behavior:
	
	``
	<cffunction name="passthru" output="yes">
	     Arguments passed to passthru()
	    <cfdump var="#arguments#">
	
	    <cfset somefunc(d1="ColdFusion_8",argumentcollection=arguments)>
	</cffunction>
	
	<cffunction name="somefunc" output="yes">
	    <cfargument name="a">
	    <cfargument name="b">
	    <cfargument name="c">
	    <cfargument name="d" required="no">
	     Arguments received by passthru() from somefunc(a,b,c[,d])
	
	    <cfdump var="#arguments#">
	</cffunction>
	
	<cfscript>
	    passthru(4,5,6,7,7,8,6);
	</cfscript>
	``

cfimage	If you specify an image that uses the CMYK color space for the image border, ColdFusion converts it to the RGB color space. The source image is not changed.
	The cfimage tag and image functions now retain EXIF data after operating on an image.
	The cfimage tag now supports alt, style, and other standard HTML image attributes.
	The height and width attributes are now optional for cfimage type="captcha". If you omit these options ColdFusion sizes the Captcha image to fit the generated text.
cfmail cfmailparam	• The cfmail and cfmailparam tags now have a remove attribute that tells ColdFusion to remove any attachments after successful mail delivery. • The cfmailparam tag now has a content attribute that lets you send the contents of a ColdFusion variable as an attachment. To do so, specify the variable in # signs as the content attribute value, as in the following example: `<cfmailparam file="anyname" content="#variablename#">` The file attribute specifies the file name to include in the mail header, not a file on the ColdFusion system.

Feature/Tag	Description
cfpdf	the cfpdf tag now lets you use an asterisk (*) in the page attribute to tell the tag to print through the last page in the document. For example, the following attribute prints all pages starting from page 5: pages="5-*", and the following attribute value prints all pages in the document: pages="*".
	The addwatermark action has been enhanced as follows: • It now takes HTML text, including CSS style specifications. • You can use height and width attributes to specify a bounding box, in pixels around the watermark. The default value for each attribute is the corresponding page dimension. The following example shows a valid watermark specification: **\<cfsavecontent variable="text">** \<body style='font-size:10.0pt;font-family:Helvetica,sansserif'> 　\ \Generated by ColdFusion\\ 　\</body> **\</cfsavecontent>** **\<cfpdf action="addwatermark" source="test.pdf" destination="output.pdf"** 　**height="100" width="100" text="#text#" overwrite="yes">**
	The default value of the keepbookmark attribute is now true, instead of false. As a result, ColdFusion retains bookmarks, and related document structure information, such as interactivity information, by default. This feature enables PDF files created by the cfdocument tag to support links.
	When the keepbookmark attribute is true, you can now merge a single form with other PDF pages without flattening or losing filled-in data. This feature has the following limitations: • You cannot merge two or more PDF forms. • You cannot specify a page or page range of the form to be merged; you must merge the complete form.
	if you specify action="merge", and both the directory and pages attributes, ColdFusion merges the specified range of pages from each of the files in the directory into the document.
	You can now send the contents of a PDF variable directly to a browser by using the toBinary function and cfcontent tag. This also allows you to merge multiple PDF files into a single variable and use it as the content of a page, by using code such as the following: \<cfpdf action="merge" name="myVar"> 　\<cfpdfparam source="source1.pdf" pages="7"> 　\<cfpdfparam source="arguments.pdf" pages="3"> \</cfpdf> **\<cfset binaryData = toBinary(myVar)>** **\<cfcontent type="application/pdf" variable="#binaryData#">** This resolves enhancement request 66628 and bug 67415.
	If you specify action="protect", ColdFusion now preserves any previously set user and owner passwords or permission values. You can use the newUserPassword, newOwnerPassword, and permissions attributes to change any of these values. Therefore, if you create a PDF with save and copy permissions only, and specify the PDF as the source of a cfpdf tag with action="protect", the destination PDF also has save and copy protections, unless you explicitly override them. You can override any passwords or protection values, for example, to change the owner password and set the permissions to None, you can set newOwnerPassord="NewPa55Word" permissions="None".
	You can now used a directory path in the cfpdf tag pages attribute when using the merge action.
cfregistry cfprint	You can improve the sharpness of images that you view or print using the cfpdf or cfprint tags by setting the following system property: org.jpedal.upscale=2 This setting improves sharpness, but it also doubles the image size.

Feature/Tag	Description
cfregistry	The cfregistry tag has a new registryVersion attribute that can take a value of 32 to allow access to 3- bit Registry values on 64-bit versions of Windows. All other values, and the default, do not allow this access. ColdFusion ignores this attribute on 32-bit versions of Windows.
cftextarea rich text editor	• The following icons have been added to the default tool bar: Image Button, Link, Unlink, Image, Flash. For the complete list of items in the default tool bar see the FCKConfig.ToolbarSets["Default"] entry in *cf_webroot*/CFIDE/scripts/ajax/FCKeditor/fckconfig.js.
	You can now enable any or all of the File Upload and Browse Server options on the image, flash, link and unlink toolbar items in the rich text editor (they do not appear by default). To do so, set the following properties in the /CFIDE/scripts/ajax/FCKeditor/fckconfig.js file: FCKConfig.LinkBrowser = true; FCKConfig.ImageBrowser = true; FCKConfig.FlashBrowser = true; FCKConfig.LinkUpload = true; FCKConfig.ImageUpload = true; FCKConfig.FlashUpload = true; These properties are false by default. You can selectively turn them on based on the desired types of browsing or upload. **Note:** This enhancement resolves bug 70378.

Feature/Tag	Description

cftextarea rich text editor *(Continued)*	ColdFusion does not provide a spelling checker in the rich text editor; however, this update enables you to add a spelling checker as described below. The spelling checker has not been fully tested, and is not supported, but we believe that should work on Firefox 2 on Windows systems only. Due to problems in the underlying FCKEditor code, the checker works in Internet Explorer, but it currently generates an error when you close the spelling checker dialog.
	Use the following procedure to enable the spell checker in Windows:
	1. Download and install Aspell from The GNU Aspell site. The windows version can be found at ftp://ftp.gnu.org/gnu/aspell/w32/Aspell-0-50-3-3-Setup.exe. It is easiest to install the program in the default location C:\Program Files\Aspell\. If you install it in a different location, you must specify the location in /CFIDE/scripts/ajax/FCKeditor/editor/dialog/fck_spellerpages/spellerpages/server-scripts/spellchecker.cfm.
	2. Install the dictionary for the required language from the GNU Aspell Win32 version page. The English dictionary is aspell-en-0.50-2-3.exe.
	Note: If you don't install dictionary, Aspell will not find misspelled word.
	3. If you install a dictionary for a language other than English, specify the language in /CFIDE/scripts/ajax/FCKeditor/editor/dialog/fck_spellerpages/spellerpages/server-scripts/spellchecker.cfm.
	4. Set the following property to true in /CFIDE/scripts/ajax/FCKeditor/fckconfig .js.
	`FCKConfig.FirefoxSpellChecker = true;`
	Note: in some cases, this option might not be required,
	5. To check the spelling of any language other than English, in /CFIDE/scripts/ajax/FCKeditor/editor/dialog/fck_spellerpages/spellerpages/server-scripts/spellchecker.cfm find the following line, and replace en_US with the correct language designator, such as fr for French.
	`<cfset lang = "en_US">`
	You do not need to specify the local designator, even though the english checker does, because there is only one Aspell dictionary per language.
	6. The toolbar configurations provided with ColdFusion do not include the spell checker icon. To add the icon, put the following entry in the FCKConfig.ToolbarSets entry for your toolbar:
	`,'SpellCheck'`
	The first three lines of your toolbar set could look as follows, for example:
	`FCKConfig.ToolbarSets["Default"] = [`
	`['Source','DocProps','-','Save','NewPage','Preview','-','Templates'],`
	`['Cut','Copy','Paste','PasteText','PasteWord','','Print',`
	`'SpellCheck']`,

removewatermark()	The removewatermark function now takes a Boolean stopOnError parameter. If you set this parameter to true, the function generates an error if it encounters a page that does not have a watermark. The default value is false. This is a change in behavior from the initial ColdFusion 8 release, which would always generate an error if the function encountered a page without a watermark.
.NET support installation	There is now an Adobe ColdFusion 8 .NET Integration Services entry in the Windows Add or Remove Programs control panel. You can use this entry to uninstall the .NET Integration Services separately from ColdFusion 8.

Feature/Tag	Description
Server Monitor	The Server Monitor Alerts display would sometimes contain incomplete alert information because of length limitations on each display entry, and you could get detailed information on the alert. You can now hover over any column in the alerts list page to display a tooltip with the complete information for the field.

Issues Fixed in this Release

The following issues that existed ColdFusion 8 were fixed in ColdFusion 8 Update 1.

Number	Description	Type
70610	After restarting ColdFusion, the Administrator Enable Global Script Protection option would be reset to the unchecked state, even though it had been selected before the restart	Administrator
71252	The Check for Hot Fixes link on the ColdFusion Administrator home page went to the ColdFusion 7 hot fix page. The link now goes to the ColdFusion 8 hot fix page.	
71145	The servermonitoring.cfc file, which defines the Administrator API for the Server Monitor, contained invalid information in the metadata that is displayed in by the cfdump tag.	Administrator API
71199	Using the Administrator API to create or modify a data source would set the Validation Query value to "0", which would disable connection pooling for the data source.	
70406	Not all HTML generated by the ColdFusion Ajax components was valid XHTML.	Ajax
70459	Line breaks were not escaped properly when using binding, for example, if you use the cfajaxproxy tag to call a JavaScript function when the value in a text area changed. If the text area contained a line break, a JavaScript error occurred.	
70551	The files in the FCKEditor directory were encrypted.	
71046	Binding to a Spry dataset would fail if the bind expression used an @ (attribute specifier) character.	
70134	The ColdFusion CSS style sheets were not always imported prior to user specified style sheets. In some cases they were imported after the user style sheets, and overrode them.	Ajax UI
70348	If you place a cfgrid tag inside an Ajax tabbed layout, a space was generated in the tab above the grid	
71153	Some Ajax-based form tags were not XHTML compliant.	
71134	If a ColdFusion page uses a <cfsetting enablecfoutputonly=true> tag, Ajax-based tags that are not enclosed in cfoutput regions would be ignored.	
70691 70858	The the NumberFormat function can generate values with leading or trailing spaces, and ColdFusion did not properly trim them before testing a value to see if it was a Boolean, numeric, or date value.	CFML
70534	If a custom tag had an attributecollection attribute, the Code Analyzer wrongly stated that it needs to be changed.	Code Analyzer
66021	The ColdFusion extensions for Flex Builder ZIP file could not be installed into Japanese version of Flex Builder on JOS and would result in an "unsupported features are found" error.	ColdFusion extensions for Flex Builder

Number	Description	Type
71144	If ColdFusion is configured to support multiple Administrator or RDS users, the Component Explorer (CFC browser) would not display a user ID field in the login form.	Component Explorer
70420	If your database has a hyphen in its name, you could not use cfdbinfo and sometimes cfquery to gather information .	Database management
70261	JNDI data sources defined in the jrun-resources.xml file were not being recognized.	Data sources
70332	An "Illegal exception: Corrupt table" error was thrown when the ColdFusion Administrator Maximum Number of Cached Queries setting was less than the number of queries to be cached by an application.	
70110	In the Debugger, when Break on Exception was turned on, and the Debugger stepped over the code after hitting breakpoints, notifications were sent twice; variables did not appear the first time and the Debugger threw an UndefinedVariableException error; however, variables did appear on the second step over.	Debugger
70727 70728	Some valid ColdFusion code, including the LSIsDate method and Query of Queries, could throw an inappropriate exception when run in the debugger with the 'break-on-exception' option enabled.	
70047	All attributes have now been added to the Dreamweaver and Homesite tag completion information for the cfselect tag.	Dreamweaver and Homesite tag information
70559	Several code hints for the cfpresentation tag were missing in the Dreamweaver Extensions for ColdFusion 8.	Dreamweaver extension
70116	When using Flex Remoting to access CFC objects with circular references, ColdFusion 8 and ColdFusion MX 7.0.2 would throw stack overflow errors.	Flex remoting
70236	An ArrayIndexOutOfBoundsException error was thrown when using the CreateObject tag to create a component under heavy load.	Functions - CreateObject
70754	If the Disable Access to Internal ColdFusion Java Components option was set in the Administrator you could not use the CreateObject function to create a CFCProxy object.	
70862	Duplicating a CFC was significantly slower than in ColdFusion 7.	Functions - Duplicate
70624	If you use the ImageScaelToFit function on a grayscale image and do not specify the optional interpolation attribute, ColdFusion generated an error indicating that you must specify the optional interpolation attribute.	Functions - ImageScaelToFit
70362	The ImageSetDrawingStroke function was ignoring the stroke parameters when stroke is set using the ImageSetDrawingStroke function.	Functions - ImageSetDrawingStroke
70346	The IsNumeric function did not handle strings identically to ColdFusion 7. Testing a string with leading spaces returned false, but the function returned true in ColdFusion 7. For example, Example " 123 " was treated as a number in ColdFusion 7 but not in ColdFusion 8.	Functions - IsNumeric
70760	The IsXML function returned false for a string if a CDATA section contained an unequal number of < and > characters.	Functions - IsXML
70950	In some cases, the StripCR function may not have properly removed CR (Char(13)) characters from all strings. **Note**: By design, the function removes only CR characters, and does not remove LF (Chr(10)) characters.	Functions - StripCR

Number	Description	Type
71275	Standard Edition now supports the SMS Test Server. ColdFusion 8.0 Standard Edition supported the SMS gateway, but not the test server.	Gateway support (SMS gateway)
70109	In some cases, writing a PNG image might cause a java.lang.ArrayIndexOutOfBoundsException error.	Image handling
71122	If you start the ColdFusion installer in Japanese, the LiveCycle Data Services license agreement was not properly displayed.	Installation
71111	On multiserver UNIX installations, there was no option to start ColdFusion on system initialization.	
70051	It was not possible to call the Java StringBuffer.append(int) method from ColdFusion. It threw an error saying that it could not resolve the correct method to call.	Java
70358	The context class loader of a thread was sometimes changed from the web application's class loader to the class loader of the object on which it was about to invoke a method. This lead to errors when a Java class was part of the JDK or on the JVM's classpath.	
69975	When using ColdFusion with LiveCycle Data Services, you were required to specify a type attribute in the cfproperty tag.	LiveCycle Data Services
70209	ColdFusion 8 sometimes hung on startup on fast Macintosh OS X machines.	Macintosh OS X
71055	In a multiserver installation on Macintosh OSX 10.5 Leopard, the ColdFusion Launcher could stop ColdFusion, but could not start it. ColdFusion would start from the command line.	
70782	When a mapping was set for "/", complete component and interface paths were note resolved correctly.	Mappings
70521	Query of queries threw a null pointer exception if the query had a WHERE clause with a expression such as "LastName LIKE '%MK%'".	Query of queries
65345	The Label Wizard was not saving its query.	Report Builder
70375	The Report Builder was not saving changes made using the Advanced Query tool.	
70600	The Report Builder would put a border around images. The property dialog now has an option that lets you set the outlinestyle property.	
	Subreport parameters were not handled correctly. You could get multiple copies of the same parameters, which prevented the report from running.	
	All report function names, including user-created functions, were converted to lower case when loading a report into the Report Builder.	
	If you defined a parameter in the query builder of the Subreport Wizard, report parameters were duplicated. A similar behavior occurred when using the parameter binding page.	
	If you defined default values for parameters, they were not populated when you clicked Test Query.	
70866	When a field or parameter was edited, the Report Builder would overwrite user-specified values with style values.	
70408	Exporting a report that contains TrueType Unicode fonts to PDF resulted in errors when opening the generated report in Adobe Acrobat.	Reports

Number	Description	Type
70435	Entering "<<ALL FIlLES>>" in the File Path text box of the ColdFusion Administrator Sandbox Security Files/Dirs tab did not work.	Sandbox security
70749	The ColdFusion Administrator Enable Global Script Protection option did not have an effect if Application.cfm or Application.cfc contained a setEncoding function.	Security
70755	If the Disable access to internal ColdFusion Java components option was turned enabled, calling the getPageContext().getClass() function caused a security exception. In some cases, this also caused errors in the cfdump tag.	
70768	If you tried to access the Server Monitor with Oracle 10 G on Solaris, ColdFusion would repeatedly display the login dialog and would never display the Server Monitor.	Server Monitor
70590	Very complex Application-scoped CFCs can generate false memory usage values in the Server Monitor when memory tracking is enabled.	
70532	The Server Monitor did not work in Internet Explorer when using an SSL connection.	Server Monitor - Internet Explorer
70495	When the session failover took place, errors would occur when instantiating an object contained within the session on the second system. The problem took place when the object was deserialized.	Session Management
70523	If multiple users specified a blank session ID (""), they would share a single session, which could result in session hijacking. ColdFusion now creates new cfid and cftoken values if the session ID is set to an empty string.	
70787	Windows Performance Monitoring did not work if ColdFusion MX 7 and ColdFusion 8 are installed on the same machine.	System management
70594	If you used an attributecollection attribute with a tag that is inside a loop, the tag would get attribute values coming from previous iterations of the loop.	Tags - attributecollection attribute
70459	If you used the cfajaxproxy tag (and possibly other tags) to call a JavaScript function, passing it text with a line break or return would cause a JavaScript error.	Tags - cfajaxproxy
70372	The cfcache tag inserted a comment that invalidated XHTML and XML pages.	Tags - cfcache
70596	Using a cfdiv tag to include a page with a cfchart tag generated a Javascript error.	Tags - cfchart
70757	ColdFusion generated a null pointer exception when cfdbinfo was used with the type="dbnames" attribute and none of the database types were of the type catalog.	Tags - cfdbinfo
71116	The cfdbinfo tag could not properly retrieve foreign key references to a table that is not in the default schema. You can now do so by using the format *schema_name.table_name* to specify the tag's table attribute value.	
70410	Using the cfdirectory tag to sort on multiple fields did not work properly.	Tags - cfdirectory

Number	Description	Type
70239	The cfdocument tag was producing documents that were smaller than the same document produced in ColdFusion MX 7. Problems included tables and images with reduced size.	Tags - cfdocument
70403	Stack overflow errors occurred when a large document was created. A simple report with over 1500 lines caused this problem. More complex, but shorter documents also resulted in this error.	
70411	If a cfdocument tag has a PNG image, the page took substantially longer to display in ColdFusion 8 than in ColdFusion 7.	
70586	ColdFusion 8 generated extra spaces in cfdocument tags following use of italics (<i>) and underline (<u>) with certain fonts, notably the built-in Times and Times-Roman fonts.	
70801	If the content width in a document was wider than the page width, the cfdocument tag would not scale the content properly to fit the page.	
70887	The cfdocument tag did not render European characters and would omit them from the document.	
70387	If a cfdocumentitem tag was inside an loop, the tag did not get the correct loop counter value. For more information on this bug see cfdocumentitem in the "What's new and changed in this release" section.	Tags - cfdocumentitem
70388	Including a page that contains a cfdocumentitem tag multiple times in a document caused a "Routines cannot be declared more than once" error.	
69520	You could not retrieve calendar event attachments from Exchange 2007 servers using the attachmentPath attribute. You would get an Exchange error Code 501.	Tags - cfexchangecalendar and cfexchangemail
69520	The cfexchange* tags could not get attachment content form Exchange Server 2007.	Tags - cfexchangecalendar, cfexchangecontact, cfexchangemail cfexchangetask
70474	In some cases, the cfexchangecalendar tag was not recognizing the end of Daylight Saving Time for 2007.	Tags - cfexchangecalendar
70469	If you used set as the action attribute in the cfexchangeMail tag and the message has a bracket in subject line, some message properties, including isRead, did not work.	Tags - cfexchangemail
70090	You could not use the cfexec tag to execute the ffmpeg tool. Ffmpeg would stop, and the template would hang.	Tags -cfexec
70061	the cffeed tag did not work with feed URLs that require an Accept-Encoding header with a value of gzip or deflate to be set on connection. You might see an "unknown compression format" error message when reading such URLs.	Tags - cffeed
70146	When reading a feed from some remote URLs, the cffeed tag would not return any date elements.	
70147	Column names in a cffeed tag columnmap attribute had to be all-uppercase.	
70308	If you specified Apple iTunes extensions when you created a feed using the cffeed tag, the iTunes metadata tags were not included in the feed data, The cffeed tag did not provide any feedback about the iTunes metadata tags, even if they were incorrectly used.	
70711	Setting the skipdays metadata in the properties attribute of an RSS cffeed tag would generate all-lowercase text that caused the RSS to not validate properly.	

Number	Description	Type
71110	Under heavy load, the cffile tag might attempt to create two temporary files with the same name, resulting in problems such as missing file errors when trying to access a file.	Tags - cffile
70639	If a form or cfform tag specified enctype="multipart/form-data" and you did not specify UTF-8 encoding, non-ASCII characters such as Japanese could get garbled.	Tags - form/cfform
71167	You could get a JavaScript error if you specify a cfform tag ID attribute and use a bind expression to bind one cfinput control to another.	Tags - cfform
70404	the cfftp tag getFile operation threw an error after retrieving and writing a file locally.	Tags - cfftp
70538	If an FTP connection followed an SFTP connection, or the reverse, ColdFusion would state that an error occurred while establishing a connection of the initial type. Therefore if you followed an FTP connection with an SFTP connection you would get the error message "An error occurred while establishing an FTP connection".	
70514	A static cfgrid displayed the cfgridcolumnindex as one of the column headers.	tags - cfgrid
70825	The change event was not dispatched when a grid became empty.	
70896	If an HTML format grid has more than 1000 rows, the browser would throw a JavaScript error when the "insert" button is clicked.	
71123	If the user tried to update the primary key column of a table, an exception message was thrown that didn't explain the cause of the error. Now, the error message describes the cause of the error.	tags - cfgrid
70507	The cfimport tag did not recognize JSP taglib definitions in the web.xml file.	Tags - cfimport
70417	If the value of the Id attribute was numeric, the cfinput tag did not always work properly.	Tags - cfinput
71120	A nested exclusive lock timed out after twice the lock's timeout attribute value.	Tags - cflock
66248	If you used the cfmail tag to send a PDF that you generated using ColdFusion, you had to write the PDF to a disk file and use the file in the cfmail tag. For more information see cfmail in the "What's new and changed in this release" section.	Tags - cfmail
70465	The cfmenu tag did not generate XHTML compliant HTML.	Tags - cfmenu
70331 70452	In Internet Explorer, the cfmenu tag had the following behaviors: • If the tag specified a non-default value for the selecteditemcolor attribute, the default color (blue) would flicker on the selected item in Internet Explorer • The main menu item in a cfmenu would flicker to blue when browsing a drop-down list.	Tags - cfmenu (Internet Explorer)

ColdFusion 8 Update 1

Number	Description	Type
66628	You can now merge PDF files and send them to the browser without having to save the merged result as a separate file. For an example, see the cfpdf section of "What's new and changed in this release"	Tags - cfpdf
67415	You can now send the contents of a PDF variable directly to a browser by using the toBinary function and cfcontent tag. For an example, see the cfpdf section of "What's new and changed in this release"	
70181	If you specified cfpdf action="removewatermark" in a page with no watermark, you would get a confusing message.	
70182	The cfpdf tag now supports using the addwatermark action with a text attribute to add a textual watermark. The text can be HTML formatted rich text.	
70204	Enable Usage Rights was not working with PDF forms.	
70468	cfpdf action=merge did not retain links present in a PDF that was generated by the cfdocument tag.	
70591	cfpdf action="thumbnail" appeared to always create PDF file as if it were a portrait PDF. if the PDF was set to landscape, it cut off the left hand side and bottom.	
70571 70725	The cfpdf tag thumbnail action failed with 3D PDFs.	Tags - cfpdf *(Continued)*
70513	The cfpdfform tag was unable to read or extract data from a PDF that was rendered and reader-enabled using Adobe LiveCycle Forms Server 7.2	Tags - cfpdfform
70520	The cfpdfform tag would generate a "String index out of range: -1" error when it tried to read some PDF files that were created using the LiveCycle Data Services API. The tag would result in an empty structure if no values were filled in and xmlschema was used for binding.	
70544	The cfpdfform tag was generating an exception if it used a blank form. Now it returns an empty structure.	
70637	Drop-down lists and radio buttons were not being populated in PDF forms.	
70273	The cfpop tag did not retrieve eml format attachments. The tag did not retrieve any parts without file names in a multipart message, except for the first part of the body.	Tags - cfpop
70198	When creating a presentation dynamically by looping over queries for the presenters and slides, the data for the last presenter in the presenter query was used for every item in the presenter query. The presentation listed the presenter names correctly, but the data displayed in the Flash presentation was wrong for every presenter except the last.	Tags - cfpresentation
70519	If a div tag contained a rich text textarea tag, changing the div style from display:none to display:block resulted in the newly displayed text area being read-only.	Tags - cftextarea (rich text editor)
71050	You could not access the FCKEditor object underlying the rich text editor in an onLoad event handler. You can now use the ColdFusion.RichText.OnComplete(*editorInstance*) JavaScript function, which is called after each rich text editor instance is initialized, to access the underlying FCKEditor when the text editor is loaded. For more information, see "What's new and changed in this release".	
70746	Specifying cfthread action="join" timeout="0" would cause an error.	Tags - cfthread
71047	HTML format cftree tags that specify an invalid font size might generate a null pointer exception.	Tags - cftree

Number	Description	Type
70210	You could not destroy windows created with the cfwindow tag.	Tags - cfwindow
70175	Only the last entry was used when cfzipparam tag was used in a loop.	Tags - cfzipparam
70684	Terminated threads were not getting destroyed, so the Server Monitor continued to show terminated threads as active.	Threads
70124	The XMPP gateway could fail with a TLS negotiation error.	XMPP gateway

Known Issues with this Release

The following issues are known to exist in ColdFusion 8 Update 1. These issues are additional to any listed elsewhere, including those that are listed in the ColdFusion 8 Release Notes, and have not been fixed in this update.

NOTE: Some of these issues also exist in ColdFusion 8.

Number	Description	Type
71015	If ColdFusion must compile a very large number of CFCs (in terms of tens of thousands) at runtime, compilation takes substantially longer using JDK 1.6 than it does using JDK 1.5 or JDK 1.4.	Configuration & Performance
70796	If you use the Updater installer to update ColdFusion 8, the ODBC database driver is updated, but the swandm.ini ColdFusion 8 ODBC Service configuration file is not updated. The new swandm.ini file is located in the ColdFusion tree as db/slserver54/cfg/swandm.ini.new. To fix this problem, copy the datasource list from swandm.ini to swandm.ini.new, rename swandm.ini.new to swandm.ini, and restart the ColdFusion 8 ODBC Agent and ODBC Server Windows services.	Installation
71051	To navigate to the apache2 or other required directory in the installer, navigate to its parent directly, select the directory and click Open. This behavior is not a bug, but some users might find it confusing.	
71037	The Microsoft Visual C++ 2005 Redistributable Package (x64) must be installed in 64 bit Windows systems before you install 64-bit ColdFusion 8. Otherwise, The ColdFusion installer displays an error message instructing you to install the package. Systems that have .NET or Visual C++ 2005 installed already have the required software installed. You can get the package installer from http://www.microsoft.com/downloads.	
71317	On Leopard OSX 10.5 in a multi-server install, when an instance is created with enterprise manager, the instance does not start from the Admin page. You must start the instance manually from the command line.	
70731	After you install ColdFusion 8 in 32-bit mode on 64-bit RedHat Enterprise Linux 5, 32 bit RedHat Enterprise Linux 5, or 32 Bit RedHat Enterprise Linux 4, you must install libstdc++.so.5.0.7. If you do not do this, you will get the following error: "Errors reported by Java compiler :jikes:error while loading shared libraries:libstdc++.so.5:cannot open shared object file :no such file or directory.The specific sequence of files included or processed is://opt/coldfusion8/wwwroot/configuration/setup/webservice_registration.cfm,line456." The cause of this problem is that RedHat 5 includes llibstdc++.so.6.0.8, and RedHat 4 includes llibstdc++.so.5.0.0, but the jikes 1.2 compiler in ColdFusion 8 looks for ibstdc++.so.5.0.7.	64-bit support

Number	Description	Type
70812	The ColdFusion .Net Service crashes on Vista 64-bit configurations when ColdFusion makes calls to classes in System.Data.dll.	64-bit .Net support
70964	ColdFusion 8 does not support COM access in 64-bit Windows operating systems.	64-bit COM support.
70965	ColdFusion 8 does not support Microsoft Access databases in 64-bit Windows operating systems.	64-bit database support.
70966	On 64 Bit Windows operating systems, any DLL that has been created with the optimization option on can not be loaded by cfxneo.dll. The workaround is to build the DLL with optimization flag off.	64-bit Windows support
70675	.NET function invocations might fail and throw a DotnetClassNotFoundException error. This problem has been observed rarely and might happen if the Microsoft .NET 2.0 framework was installed and then ColdFusion .NET service was installed without restarting the OS. The workaround is to uninstall the ColdFusion .NET Service, restart the Windows machine, and then reinstall the ColdFusion .NET service.	.Net support
70360	In the past, if you added a sandbox for Inetpub\wwwroot and used the wrong case in the sandbox path, as in C:\inetpub\wwwroot\, you would be locked out of the administrator and would have to edit XML files to enable access. This issue has been resolved, but the solution has exceptions. Now If you use a case-incorrect path you can run the ColdFusion Administrator, but you will get access denied exceptions if you try to open any of the following Administrator pages, because the paths referred to on these pages are outside the sandbox: • Data & Services > Verity Collections • Debugging & Logging > Log Files • Enterprise Manager > J2EE Archives (Multiserver installations only)	ColdFusion Administrator
70972	If the ColdFusion Administrator has multiple user logins, some users can have access to sandboxes that you might expect to be blocked. This problem is caused by the user having <<ALL FILES>> access in one of its sandboxes. For example, if there are two users, user1 and user2, where user2 has access to sandbox /user2 in wwwroot, and user1 has access to the default sandboxes /CFIDE and /WEB-INF *and* has /user2 in his prohibited sandboxes list, then user1 can view the components present in /user2 because one of the sandboxes for user1 has <<ALL FILES>> permission. To prevent user1 from accessing /user2, or any other sandboxes create a sandbox for user 1 that can access the /user1 directory only. This behavior is not considered a bug, but is a change from previous releases.	

ColdFusion 8 Update 1

Number	Description	Type
71109	In Internet Explorer and Safari, if an Ajax-based ColdFusion page fetches another ColdFusion page by using the ColFusion.navigate function, a bind expression, or a source attribute, any CSS styles defined on the fetched page by using in-line styles or using CSS imports are not applied to the main page. The workaround is to include the CSS definitions on the main page.	Ajax
71341	You should use the cfinput tag to define multiple submit buttons on a form with multiple submit buttons that you submit asynchronously using ColdFusion Ajax features. If you define the buttons using the HTML input tag, the target page Form scope includes only the input control that the user clicked, due to HTML limitations. If you use the cfinput tag to define all submit buttons, the target page Form scope includes all the buttons.	
71435	Only a CFC bind expression can be specified for the onChange attribute in an html grid. This is a current feature limitation. JavaScript and URL binds will not work.	
70590	Complex application-scoped CFCs (tested with Fusebox 5.5 and Model-Glue 2) can generate false memory usage values in the CF8 server monitor when memory tracking is enabled.	CFCs
70829	When using an Apache Derby database, table names in cfinsert and cfupdate tags must be all uppercase.	Data sources
70883	To use the RTMP channel in ColdFusion, you must install LiveCycle Data services with ColdFusion and add the fds.swc file to the library path of the Flex project.	Flex integration
70876	To enable the expandPath function to correctly resolve paths, you must set the <use-mappings> entry in the /WEB-INF/flex/remoting-config.xml file to true.	Functions: expandPath
70528	If you specify a remote image (URL) in a call to the getExifMetadata function, you will receive the following exception: Exception occurred in JPG processing. Segment size would extend beyond file stream length.	Functions: getExifMetadata
70674	Calling getPageContext().getRequest().getParameter does not work on JBoss, Oracle10g and Websphere. To get parameters, use the form scope or URL scope variables.	Functions: getPageContext
71330	The imageAddBorder tag does not apply a specified border color to PNG and GIF images.	Functions: imageAddBorder
70069	Sometimes the ImageResize function produces an image 1 pixel shorter or narrower than the requested size. The image does resize properly if you specify bicubic, bilinear, nearest, or highestPerformance as the interpolation parameter value.	Functions: imageResize
70389	In the XMLParse and XMLValidate functions, if you specify an empty string as the third parameter and specify a validator such as xsi:noNamespaceSchemaLocation within an XML document, you must specify a complete URL.	Functions: XMLParse and XMLValidate
70618	In Internet Explorer, if you use the cfchart tag to create a chart that you fetch into a cfdiv region, the calendar pop up of a cfinput tag of type datefield is not displayed over the chart; it is hidden behind the chart because of z-index issues on Internet Explorer.	Tags: cfchart and cfinput in Internet Explorer
71031	If a cfdiv tag uses a cfinclude tag to get a form from a file and the form's action page uses a cflocation tag to redisplay the form, the form will redisplay outside of the cfdiv region. This issue occurs because the cflocation action creates a new request to the location, causing ColdFusion to loose the previous page scope and its container scope.	Tags: cfdiv

Number	Description	Type
70568	Internet Explorer ignores the cfdocument tag saveasname attribute. This problem is caused by a bug in Internet Explorer. The saveasname attribute works correctly in Firefox.	Tags: cfdocument in Internet Explorer
71226	When you use the cfdocument tag on 64-bit Apple Macintosh OS X 10.5 Leopard, if you specify bold formatting for any of the text, the entire document appears in bold.	
70687	An image specified for a menu item also appears on one of the child menu items. To work around this issue, add an image that is at least as large as the unwanted image to the child menu on which the parent menu's image appears. If you don't want an image on the child menu, you can hide the unwanted image by specifying an image for the child that has a solid block of the menu background color.	Tags: cfcfmenitem
71264	When the cfpdfform tag populates PDF Forms, any JavaScript used to format the field contents is ignored. For example, if an application uses JavaScript to convert the number 1000 intended as a U.S. currency value to $1,000, the entry is unchanged and remains 1000.	Tags: cfpdfform
71256	The cfprint tag cannot print Japanese strings on Acrobat forms.	Tags: cfprint
71262	The cfprint tag ignores the color attribute; it always prints color.	
66854	The blinking browser cursor might not appear in form input fields inside a cfwindow tag when the tag is used before the cflayout and cflayoutarea definitions. The workaround is to place the cfwindow tag after the cflayout and cflayoutarea definitions.	Tags: cfwindow
70484	If the query row is omitted from a query reference that uses indexed/array notation, such as myString = myQuery['myQueryColumn']; instead of: myQuery['myQueryColumn'][1], then an isValid function such as isValid("string", variables.myString) does not throw an error, but a cfparam tag such as <cfparam name="variables.myString" type="string"/> does.	Query handling
66060 68408 69932	Due to a z-index bug in Internet Explorer prior to version 8, cfinput tag autosuggest suggestion lists and datefield pop-ups, and cfmenu drop-down lists can be hidden by some other tags in the form, including other cfinput tags and cfselect tags. This problem has been fixed in Internet Explorer 8	AJAX UI On Internet Explorer

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