

ColdFusion 8 Release Notes

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Welcome to ColdFusion 8

ColdFusion 8 represents a very exciting and, we believe, historic milestone for ColdFusion. We've added features that let you create rich, dynamic applications using some very exciting new features, including rich AJAX UI controls, access to .NET assemblies, dynamically created, modified and server-printed PDF documents, dynamically generated presentations, RSS data feeds and much, much more. See the "What's New in this Release" PDF for the full list of new and updated features.

In addition, application development, deployment, and administration is now easier and more powerful than ever with the introduction of true line-level CFML debugging facilities, the ability to write multithreaded CFML, the addition of powerful multiserver monitoring and application profiling, additional server-level performance controls, significant runtime performance improvements, and a whole host of language and CFC enhancements.

And of course, we've updated and enhanced our platform and database support as well, keeping ColdFusion on the leading edge of all the various technologies that make up your world.

We're very excited about ColdFusion 8, and we hope that it will empower you, just as the Mystic (7.0.2) and Blackstone (7.0) releases have, and enable you to create the world's most amazing internet applications.

Damon Cooper

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Adobe Systems, Inc.

Known Issues with this Release

The following issues were known to exist in ColdFusion 8 . These issues are additional to any listed elsewhere.

| Number | Description | Type |
|--------|--|------|
| 69500 | If you pass a decimal array to a .NET method that expects a decimal array or System.Object as an argument, ColdFusion generates an error. | .NET |
| 66685 | To use ColdFusion AJAX features, you must have one of the following browsers: <ul style="list-style-type: none">• Firefox 1.5 and later• Internet Explorer 6 and later• Safari 2.0 and later | AJAX |

| Number | Description | Type |
|----------------|--|-----------------------|
| 69260 | In applications that run on the WebSphere Application Server, if server-side ColdFusion code in a ColdFusion AJAX application encounters an error, the client does not get the standard HTTP error code. Instead, it gets a response with a server-error HTTP header, a status code of 200, and a message of OK. The ColdFusion AJAX code recognizes this as representing an error. As a result, the error handler is invoked and gets the 200 status code and OK status message. | AJAX |
| 69915 | The cfajaxproxy tag is not able to correctly locate CFCs that are in symbolically linked paths on the file system. Ensure that your CFCs are always available under hard linked paths. | AJAX |
| 69826 | The following information is not in the CFML Reference: New JavaScript functions to encode and decode JSON are available with the default AJAX JavaScript library that is included when you use the cfajaximport tag>: <ul style="list-style-type: none"> • ColdFusion.JSON.encode(<i>JavaScript expression</i>) Encodes the supplied variable and returns it as a JSON string. • ColdFusion.JSON.decode(<i>JSON string</i>) Decodes the supplied JSON string and returns an equivalent JavaScript variable. If the JSON string has a security prefix, the prefix is stripped to allow for proper decoding. For detailed documentation see “New JavaScript functions” on page 23 . | AJAX documentation |
| 69262 | In HTML format editable cffgrid controls that have a cffgridcolumn tag that is set to be a select box by using the values, valuesDisplay, and valuesDelimiter attributes shows the value rather than the display text in the grid cell, except when the cell is being edited. When you edit the cell, the display text is shown correctly in the select box. To work around this issue, use the same text for both the values and display text. | AJAX UI |
| 69825 69876 | If a border layout is nested inside a tab layout that is, in turn, nested inside a border layout, the inner border layout might not display under some circumstances. To work around this issue on some browsers, use the source attribute in the cfflayoutarea tag of the tab to get the innermost layout from a separate CFML file. On Internet Explorer, the workaround might not resolve the issue. | AJAX UI |
| 69890 | ColdFusion AJAX controls that bind to a rich text editor cffinput control when the page loads can generate errors. One example of such a situation is a text box that binds to a rich text editor and has a bindOnLoad parameter value of true, can generate errors in some cases. You should not bind on load to rich text editors. | AJAX UI |
| 70006 | cffinput tags with type="file" are ignored if they are in cffform tags that are inside containers such as cffdiv, cfflayoutarea, cffwindow, and cffpod. This problem exists because ColdFusion forms inside AJAX containers are submitted using AJAX and there is no way to send the file contents using XMLHttpRequest. To allow file uploading using a form in a ColdFusion AJAX container, you must use an AJAX file upload control. | AJAX UI |

| Number | Description | Type |
|-------------------------|---|---------------------------------|
| 68333 | Flash forms may not function consistently when used within AJAX components, such as cflayoutarea and cfwindow; if the Flash form expiry time is not set sufficiently high, the form may expire. If the form is made invisible (for example, if the user switches to another tab in a tab layout), it may lose data entered by the user when it becomes visible again (when the user returns to the tab that contains the form). | AJAX UI Flash Forms |
| | Using Ajax controls with Flash forms may result in distorted displays or other unexpected behavior. To avoid this issue, add the attribute, wMode="opaque" to the cfform tag. | AJAX UI Flash Forms |
| 69756 | You cannot put Flash format forms or charts that are created by ColdFusion inside AJAX-based controls. | AJAX UI Flash Forms |
| 69993 | If a vbox or hbox layout is nested in a tab layout using in-line code, and one of the layout areas of the inner layout has a source attribute that specifies a CFML page with a border layout, the tab layout does not render in Firefox. To work around this issue, define the border layout in-line in the layout area, and do not use a source attribute. Also, another workaround is to specify the border layout CFML page as the source of the tab layout area. | AJAX UI On Firefox |
| 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 cmenu 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 |
| 66212 | In some cases, in Internet Explorer, if you have a tabbed cflayout control with multiple tabs, space can appear before form controls in tab 1 only. The workaround for this issue is to specify style attribute with a margin:0;padding:0 setting in cfform tag. | AJAX UI On Internet Explorer |
| 68409 | When you are browsing a page in Internet Explorer, if the content of a pod is a control whose width is greater than that of the pod, the pod expands. To avoid behavior, either increase the size of the pod or decrease the width of the control that is in the pod. | AJAX UI On Internet Explorer |
| 69869 | If a tab layout container contains a tabbed layout, the inner tab's upper border does not appear in Internet Explorer. | AJAX UI On Internet Explorer |
| 69870 | If you use a DOCTYPE declaration to specify the HTML DTD in Internet Explorer, tab layouts can flow outside a containing cfpod control. | AJAX UI On Internet Explorer |
| 70024 | In Internet Explorer, style specifications or CSS file imports on a CFML page that is dynamically fetched are not applied to the main page that fetches the contents. The styles or CSS file imports must be present on the main page for the styles to take effect. | AJAX UI On Internet Explore |
| 69381 | In the Opera browser, the ColdFusion AJAX Rich Text Editor is not supported. | AJAX UI On Opera |
| 68432 | In the Safari browser, if you press Enter to select something from the autosuggest drop-down list, the form is submitted. In this case, you might need to capture the Enter event in JavaScript. | AJAX UI On Safari |
| 68716 | In the Safari browser on Mac OS X, when the cfaautosuggest tag returns an array with hundreds of entries, the browser crashes. | AJAX UI On Safari |

| Number | Description | Type |
|--------|--|---|
| 68997 | In the Safari browser, for the cfmenu tag to properly display, you must specify the following DOCTYPE tag at the top of the CFML file that contains the cfmenu tag: <pre><!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN" "http://www.w3.org/TR/html4/strict.dtd"></pre> | AJAX UI On Safari |
| 66997 | In the Safari browser, the ColdFusion AJAX Rich Text Editor is not supported. | AJAX UI On Safari |
| 70056 | Using Flash forms with Ajax controls may result in unexpected results. | AJAX UI Flash forms |
| 70059 | If a DOCTYPE declaration is used on a template that contains a cfwindow, and the cfwindow has a scroll bar and contains a tab layout, the tab layout does not scroll up in the cfwindow on Internet Explorer. As a workaround, do not use a DOCTYPE declaration on the application's main page when placing a tab layout within a cfwindow. | AJAX UI Internet Explorer |
| 70079 | Scroll bars may appear on the main page when you use the cfmenu tag on Internet Explorer. | AJAX UI Internet Explorer |
| 69514 | You cannot implicitly create an array with an empty element. For example, the following code fails with an Invalid CFML construct error: <pre><cfset test = [1,,3]></pre> | CFML |
| 67759 | ColdFusion CFX extensions written in C/C++ must be recompiled for Linux. The libCFXNeo.so shared library has been relinked with a more recent version of libstdc++ which is incompatible with the older version that CFMX 7 used. | CFX tags |
| 66523 | On WebSphere, if you are using vertical clustering, when you login to the ColdFusion Administrator, even if you are authenticated on one node, if the next request goes to a different node, the ColdFusion Administrator generates an error. | ColdFusion Administrator |
| 69271 | In custom tags, you can use the attributecollection attribute in combination with other attributes. However, for these tags the Code Analyzer shows an error indicating that the attributecollection attribute cannot be used in combination with other attributes. This limitation is true for most standard ColdFusion tags, but not for custom tags, and you can ignore the message in this case. | ColdFusion Administrator Code Analyzer |
| 70167 | If you enter a new license which is an upgrade license on the System Information page of the ColdFusion Administrator, any charts, reports, and documents that you generate until you restart the ColdFusion server will have a "Developer" watermark. | ColdFusion Administrator |
| 67838 | To ensure that the internal browser in Eclipse refreshes itself properly, you must set the Internet Explorer refresh settings to "Every time I visit the web page." | ColdFusion Extensions for Eclipse Windows only |
| 68648 | In Eclipse, you cannot run the ColdFusion AJAX application that the ColdFusion/AJAX wizard creates from the Run menu. Instead, you must open browser and enter the URL to point to the project's index.cfm file. | ColdFusion Extensions for Eclipse |
| None | If you use a server with a context root, you must include the context root in the Web Root URL field in the Project Information panel of the ColdFusion/Flex Application Wizard. An example of a web root URL with context root is: http://localhost:7001/cfusion. | ColdFusion Extensions for Eclipse |

| Number | Description | Type |
|----------------|--|--|
| 68086 | If there are two files with the same relative path information in the webserver's root and the <i>install_dir</i> \wwwroot folder, the file in the <i>install_dir</i> \wwwroot is the one that ColdFusion serves. | ColdFusion Server - paths |
| 64764 | If you set the database connections limit for a data source in the ColdFusion Administrator, the ColdFusion server is not updated with the new value until you restart the server. You cannot specify a limit that is less than the number of connections currently in use. | Data sources |
| 65773 | When you use the <i>cfdbinfo</i> tag with some third party JDBC drivers configured on the Other Data Sources page of the ColdFusion Administrator, ColdFusion may not return all database information. | Data sources |
| 68816 | The Apache Derby database driver does not allow a SELECT statement to have two columns with the same name. | Data sources Apache Derby |
| 70121 | To create a new database using the Apache Derby Client driver, you must add the following string in the Connection String text box of the Advanced Settings interface: ;create=true Note that you must start the string with a semicolon. | Data sources Apache Derby |
| 69266 69269 | On WebSphere, when the server is stopped before stopping the ColdFusion application, or if the application crashes and the JVM is still running, the db.lck file in the Apache Derby databases is not deleted. As a result, no further connections to the database are allowed. You must delete the db.lck file to allow connections to the database. | Data sources Apache Derby on WebSphere |
| 61531 | The database drivers do not support the <i>ave()</i> function. Use <i>avg()</i> instead. | Data sources <i>ave()</i> function |
| 66476 | When you try to connect to a DB2 data source that stores data in EBCDIC (Cp500) encoding, the error "Unsupported VM encoding cp500" is generated. This occurs if the version of the JRE (JRE 1.3 or 1.4) is English-only, or does not support for non-European languages. To avoid this issue, do one of the following: <ul style="list-style-type: none"> • Install a version of the JRE that supports non-European languages • Install the full JDK, which supports non-European languages by default For more information, see DataDirect KnowledgeBase at http://knowledgebase.datadirect.com . | Data sources DB2 |

| Number | Description | Type | | | | | | | | | | | | | | | | | | |
|-------------|--|---------------------------------------|--------|------------|--------|----------|--------|----------|--------|------------|----------|-------------|-----------|----------|--------|----------|--------|------------|----------|---------------------------------|
| 69495 | <p>You must use the ODBC Socket driver to create a connection to a Microsoft Access 2007 driver. Use the following procedure:</p> <ol style="list-style-type: none"> Download and install the Microsoft 2007 Office System Driver: Data connectivity Components to get the Access 2007 driver. This file is located at http://www.microsoft.com/downloads/details.aspx?FamilyID=7554F536-8C28-4598-9B72-EF94E038C891&displaylang=en <p>In the Windows ODBC control panel, the new Access 2007 driver is:</p> <p>Microsoft Access Driver(*.mdb, *.acldb) 12.00.4518.1014 ACEODBC.DLL.</p> <ol style="list-style-type: none"> In the Windows Control Panel -> Administrative Tools -> Data Sources (ODBC) -> System DSN control panel, add a data source using the Microsoft Access Driver(*.mdb, *.acldb) 12.00.4518.1014 ACEODBC.DLL drive. <p>In the ODBC Microsoft Access Setup dialog, specify the following:</p> <p>Datasource Name: Access DSN Database: Click Select and select the Access 2007 database to connect to.</p> <ol style="list-style-type: none"> In the ColdFusion Administrator, create a data source using the ODBC Socket driver. In the ODBC Socket panel, select the newly created DSN from the ODBC DSN list box. | Data Sources Microsoft Access 2007 | | | | | | | | | | | | | | | | | | |
| 67802 | MySQL interprets TINYINT(1) as BIT and returns a 0 or 1 value. To avoid this issue, use TINYINT(2) or more. | Data sources MySQL | | | | | | | | | | | | | | | | | | |
| 64709 | PostgreSQL data sources do not support retrieval of auto-generated keys after an INSERT statement. | Data sources PostgreSQL | | | | | | | | | | | | | | | | | | |
| 64246 | <p>When using SQL Server 2000 with the current driver, some variable names in the result set from stored procedures have different name, as follows:</p> <p>SQL Server 2000 ColdFusion 8 driver</p> <table border="0"> <tr> <td>r2.AVE()</td> <td>r2.AVG</td> </tr> <tr> <td>r3.COUNT()</td> <td>r3.CNT</td> </tr> <tr> <td>r4.MAX()</td> <td>r4.MAX</td> </tr> <tr> <td>r5.MIN()</td> <td>r5.MIN</td> </tr> <tr> <td>r6.STDEV()</td> <td>r6.STDEV</td> </tr> <tr> <td>r7.STDEVP()</td> <td>r7.STDEVP</td> </tr> <tr> <td>r8.SUM()</td> <td>r8.SUM</td> </tr> <tr> <td>r9.VAR()</td> <td>r9.VAR</td> </tr> <tr> <td>r10.VARP()</td> <td>r10.VARP</td> </tr> </table> | r2.AVE() | r2.AVG | r3.COUNT() | r3.CNT | r4.MAX() | r4.MAX | r5.MIN() | r5.MIN | r6.STDEV() | r6.STDEV | r7.STDEVP() | r7.STDEVP | r8.SUM() | r8.SUM | r9.VAR() | r9.VAR | r10.VARP() | r10.VARP | Data sources SQL Server 2000 |
| r2.AVE() | r2.AVG | | | | | | | | | | | | | | | | | | | |
| r3.COUNT() | r3.CNT | | | | | | | | | | | | | | | | | | | |
| r4.MAX() | r4.MAX | | | | | | | | | | | | | | | | | | | |
| r5.MIN() | r5.MIN | | | | | | | | | | | | | | | | | | | |
| r6.STDEV() | r6.STDEV | | | | | | | | | | | | | | | | | | | |
| r7.STDEVP() | r7.STDEVP | | | | | | | | | | | | | | | | | | | |
| r8.SUM() | r8.SUM | | | | | | | | | | | | | | | | | | | |
| r9.VAR() | r9.VAR | | | | | | | | | | | | | | | | | | | |
| r10.VARP() | r10.VARP | | | | | | | | | | | | | | | | | | | |
| 68751 | When using the Apache Derby database, table names in CFINSERT and CFUPDATE statements must be uppercase. | Data sources Apache Derby | | | | | | | | | | | | | | | | | | |

| Number | Description | Type |
|--------|--|---|
| 70007 | <p>When using Microsoft SQL Server, complex SQL INSERT statements such as the following do not return a result set:</p> <pre>INSERT INTO orders (Name) SELECT first FROM customers WHERE last = 'flintstone'; SELECT @@Identity as newid</pre> <p>To avoid this issue, you can wrap two separate cfquery SQL statements in a cfttransaction block to retrieve the identity field.</p> <p>Simple inserts (those that do not include a sub-select for the values) work correctly, although Adobe recommends that you use the autogenerated key feature of the cfquery RESULT attribute instead of using database-specific SQL.</p> | Data sources Microsoft SQL Server |
| 68665 | In the en_AU and en_NZ locales, ColdFusion generates an error on a combined date/time that contains AM or PM. To avoid this issue, enter the date/time using the format HH:MM:SS, in which HH uses 24-hour time. For example, specify 3:45 PM as 15:45:00. | Date parsing Australia and New Zealand locales |
| 65978 | If you are using Eclipse 3.2.x, you can set or remove a breakpoint on the first line of a CFM template by entering Ctrl+Shift+B. On subsequent lines, right clicking in the line number gutter and choosing Toggle Breakpoint works as well. | Debugger |
| 65979 | If you are using Eclipse 3.2, sometimes when you run a page from a browser and a breakpoint is encountered, Eclipse is not brought to foreground and the Eclipse system tray button does not blink. You must manually switch to Eclipse 3.2. | Debugger |
| 66656 | On the multiserver installation of JRun on multiple server machines, the Debugger may not work. To avoid this issue, ensure that each server has its own jvm.config file, and launch each server from the command line, as follows: jrun -config <path_to_jvm_config> -start <server_name> | Debugger |
| 67170 | In the Variables View of the Debugger, when you change the value of a date to a date that is not surrounded by quotes, for example 1/1/07, the numbers are interpreted as a mathematical equation and the result of the equation appears instead of the date. For example, 1/1/07 the value appears as 0.14285714285714285, which is 1 divided by 7. | Debugger |
| 67212 | In the Debugger, you cannot set values for complex objects such as a structure, although you can see them in the output. However, you can drill down into the structure to change the individual elements within it. | Debugger |
| 68811 | The Debugger does not stop at a breakpoint in a CFC that is called as a web service if you are already debugging the page that calls the web service. The ColdFusion Debugger lets you debug only a single request thread at a time. The web service is invoked in a separate HTTP request thread. | Debugger |
| 69223 | The Line Debugger does not step into pre-compiled templates properly (for example, the cfdump tag) even if the CFML source resides locally on your machine. Eclipse is unable to locate the source files without a proper mapping and the pre-compiled templates have the template path of the machine on which they were compiled, not of the server running the template. | Debugger |

| Number | Description | Type |
|--------|---|------------------|
| 69577 | <p>When debugging on a system with a locale other than English or Japanese, if you have Break On Exception turned on (it is on by default), you will get many exceptions if you have the debugger connected and browse pages within the ColdFusion Administrator. These exceptions are correctly handled by the administrator, but will appear in the debugger client.</p> <p>In order to not get these exceptions, turn off the Break On Exception option or copy the CFIDE/administrator/cftags/resources/*_en.xml files and rename them to CFIDE/administrator/cftags/resources/*_[<i>locale abbreviation</i>].xml.</p> | Debugger |
| 69978 | <p>If you specify a debugger server port number by adding -DDEBUGGER_SERVER_PORT=<i>port_number</i> to the ColdFusion Administrator Server Settings > Java and JVM > JVM Arguments page, you must wait for a few seconds before restarting the debugger server after you stop it. You can specify a specific port for the debugger RDS connection to use by adding the following JVM argument: -DDEBUGGER_SERVER_PORT=<i>port_number</i></p> <p>You must restart the ColdFusion Server for this change to take affect.</p> | Debugger |
| 70110 | <p>In the Debugger, when break on exception is turned on, and the Debugger steps over the code after hitting breakpoints, notification is sent twice; variables do not appear the first time and the Debugger throws UndefinedVariableException; however, variables do appear on the second step over.</p> <p>The workaround for this issue is to do one of the following:</p> <ul style="list-style-type: none"> • Turn on the break on exception flag (it is turned off by default) only when the user wants to know where the exception occurred, and then turn it off. (Break on exception is particularly useful to know the first or original exception in the series of nested exceptions.) • Select Debug Settings > Debugger Scopes and uncheck all the scopes. | Debugger |
| 64368 | <p>When browsing for tables in ColdFusion Extensions for Eclipse and the RDS data view, tables that are unicode names do not display properly and cause an error.</p> | Eclipse plug-ins |
| 69191 | <p>In order to use the IBM/Lotus Sametime Instant Messaging Gateway in the Enterprise edition, you must disable the RSA JSafe JCE crypto provider with provides FIPS-140 strong encryption. You can do this by setting the "coldfusion.disablejsafe" System property to "true" by adding the following to ColdFusion's JVM arguments: "-Dcoldfusion.disablejsafe=true". If JSafe is not disabled, the Sametime gateway throws an exception and does not start.</p> | Event Gateways |
| 68275 | <p>If you install LiveCycle Data Services as part of the ColdFusion 8 installation process, and use FlexBuilder 2.0.1, you must install the FlexBuilder 2.0.1 hot fix 2 or later in order for FlexBuilder to compile projects using the ColdFusion services-config.xml file in WEB-INF\flex. Download this hotfix at http://www.adobe.com/go/kb402000.</p> | Flex integration |
| 69975 | <p>When you use ColdFusion with LiveCycle Data Services, CFC properties that you define with the cfproperty tag must include a TYPE attribute to be passed on to Data Services. If you omit the TYPE attribute, the property has a null value in the ActionScript.</p> | Flex integration |

| Number | Description | Type |
|--------|--|---|
| 62348 | If you set the DrawingStroke in the ImageDraw3DRect function, and then specify ImageDraw3DRect(filled=false) ColdFusion does not draw the rectangle using the DrawingStroke specified. | Functions - ImageDraw3DRect DrawingStroke |
| 62548 | Although the ImageOverlay function is a faster alternative to the ImagePaste function, you can use ImageOverlay to overlay only those images that have same colormodels and datatypes. For example, you cannot overlay JPEGs over transparent PNGs. | Functions - ImageOverlay |
| 69132 | When you use the GetPageContext function in the onMissingTemplate function, GetPageContext runs, but processing fails to stop in the onMissingTemplate function and subsequent methods run normally. To avoid this behavior, use the cfinclude tag instead of the GetPageContext function. | Functions - GetPageContext in onMissingTemplate function |
| 62549 | The ImageXORDrawingMode function generates a java.awt.HeadlessException error on OS X machines that are using MAC JVM. This is fixed in version 1.6 of the Mac JDK, which was not final at the time of ColdFusion 8's release. | Functions - ImageXORDrawingMode On Mac OS X |
| 65382 | The PreserveSingleQuotes function generates an error if you specify a function call as the first argument. The first argument must be a variable. To avoid this issue, use two statements as follows: <cfset addressList = #ListQualify(ArrayToList(address), "", ",", "All")#> <cfset #PreserveSingleQuotes(addressList)#> This is also true of the ParameterExists, QuotedValueList, and ValueList functions. | Functions - PreserveSingleQuotes, ParameterExists, QuotedValueList, ValueList |
| 64114 | ColdFusion accepts only the font names that appear in the Font Face column of the ColdFusion Administrator Font Management page. Ensure that you specify the same string exactly to use a particular font. | Image manipulation |
| 64115 | When you specify the destination for captcha images, do not use absolute paths; instead, use relative paths. Ensure that the directory specified in the relative path is within the context root of the application server. Generate random filenames for captcha destination images, otherwise, the image is overwritten, which may result in two users getting the same image, with only one able to authenticate. | Image manipulation |
| 65537 | On MAC OS, the cfimage tag and image functions can generate a NullPointerException with the following message: "java.lang.NullPointerException at apple.awt.OSXOffScreenSurfaceData.rasterStolen" This is an issue with older versions of OS JVM. To avoid this issue, upgrade to JDK 1.5.0_6-64 or later. | Image manipulation |
| 66328 | Microsoft Internet Explorer and Firefox differ in rendering unavailable images in a HTML page. Internet Explorer displays a crosshair icon, with the alt text for the image, surrounded by a bounding box. Firefox displays the text, which gives no indication that the browser is displaying text where it should display an image. When the src attribute of a cfinput tag where type="image" points to a non-existent image, the user sees a "Submit Query" text. This is because that is the default alt text set when <cfinput type="image"...>. Also, <cfinput type="image"...> is not a conventional HTML , but is a button that is an image. This is a browser issue and will not be fixed. | Image manipulation |

| Number | Description | Type |
|--------|--|--------------------------------|
| 67728 | When you use the cfimage tag to convert TIFF or PNG images to GIF format, they lose transparency information. | Image manipulation |
| 67862 | When using the ImageResize function for 8-bit grayscale images, only the following algorithms are supported: nearest, bilinear, bicubic, highestquality, mediumquality, highestperformance, highperformance, and mediumperformance. For other algorithms, an error is generated. This is due to an issue in the Sun imaging libraries | Image manipulation |
| 67893 | CMYK images are not completely supported. Known problems include the following: In resize operations, the image is resized, but becomes a negative The ImageAddBorder function generates an error. | Image manipulation |
| 69455 | cfimage action="write" and the ImageWrite function do not write the image metadata to the image file. | Image manipulation |
| 64107 | If ColdFusion is using JRE 1.4* or previous, and a Windows platform supports IPv6, but it is not enabled, the islocalhost function returns true for IPv6-format local host addresses (such as 0::1) even though IPv6 is not enabled. This problem does not occur with JRE 1.5 or later. | Installation and configuration |
| 66418 | ColdFusion 8 includes version 1.6 of tools.jar in the lib directory. This version of tools.jar is not compatible with any other version of the JRE and results in an UnsupportedClassVersionError error when using WebServices or the ColdFusion Line Debugger. If you install ColdFusion 8 on any J2EE server that is not running on JRE 1.6, you must copy the tools.jar file from the lib directory of the JDK that the application server uses to the WEB-INF/cfusion/lib directory. The Line Debugger does not work if you do not update the tools.jar. | Installation and configuration |
| 67510 | When you run the ColdFusion installer, if you enter an invalid serial number and then click Next or press Enter, an error dialog appears briefly. | Installation and configuration |
| 68779 | If you installed ColdFusion MX 7 multiserver configuration in the C:\JRun4 directory, you must select an alternative location for ColdFusion 8 multiserver location when prompted. | Installation and configuration |
| 68950 | When you run the ColdFusion java installer, it may not return the required space information in the summary screen. Ensure that enough space is available for installation and that mounted volumes are accessible. Inaccessible volumes may cause the installer to hang during summary screen. | Installation and configuration |

| Number | Description | Type |
|--------|---|--|
| 69677 | <p>Under some circumstances when you install ColdFusion with the ODBC services subcomponent, the ODBC services do not get installed properly. If the services do not start, check the <i>install_dir</i>\db\slserver54 directory. If it contains logging and tracing subdirectories only, do the following:</p> <ol style="list-style-type: none"> 1) Apply all Windows security updates 2) Uninstall ColdFusion 8. 3) Reinstall ColdFusion 8. <p>If the preceding steps do not resolve the issue, do the following:</p> <ol style="list-style-type: none"> 1) Uninstall ColdFusion 8. 2) Reinstall ColdFusion 8. 3) Before you start the ColdFusion Administrator (which runs the Configuration wizard), unzip the <i>cf_root</i>/temp_zip/cfusion-examples-db.zip file into the <i>cf_root</i>/db directory. In the Server configuration, unzip the file when the Installation Complete screen of the Installer appears. In the J2EE configuration, unzip the file after you deploy ColdFusion, but before you first run the ColdFusion Administrator | Installation and configuration |
| 61667 | If you install ColdFusion 8 as an EAR or WAR file into an existing JRun installation, you must add the Log4J-1.2.12.jar file to the JRun server classpath (C:\Jrun4\servers\lib). By default, it is located in the ColdFusion classpath (C:\JRun4\servers\CF8\cfusion-ear\cfusionwar\WEB-INF\cfusion\lib). | Installation and configuration J2EE configuration |
| 64494 | Simultaneous Requests values are not copied when exporting or importing the settings in a ColdFusion 7 CAR file. | Installation and configuration Migration |
| 64580 | You must restart the ColdFusion server when you have completed migration from a previous version if you migrated data sources. | Installation and configuration Migration |
| 68885 | CAR files created by a ColdFusion MX 6 or 7 Server configuration do not deploy properly on a ColdFusion 8 J2EE configuration. | Installation and configuration Migration |
| 69386 | CAR file creation and deployment might not work properly when you use the Safari web browser. | Installation and Configuration Migration |
| 68735 | When deploying a ColdFusion MX 7 CAR file the Mail > Mail Charset Setting > Default CFMail Charset setting is not imported because a ColdFusion MX 7 CAR file did not contain this setting. | Installation and configuration Migration from ColdFusion MX 7 |
| 68736 | Even when sandboxes have been migrated successfully, sandbox security is not enabled. You should manually enable sandboxes after installation. | Installation and configuration Migration from ColdFusion MX 7 |
| 68767 | When deploying a ColdFusion MX 7 CAR file the Settings > Maximum number of simultaneous Report threads setting is not imported because a ColdFusion MX 7 CAR file did not contain this setting. | Installation and configuration Migration from ColdFusion MX 7 |
| 68961 | When upgrading from ColdFusion MX 7 to ColdFusion 8 The Migration wizard sometimes shows an error for verify collections when it finishes, and the logs show exceptions, although all collections are properly migrated. You can ignore the messages in these instances. | Installation and configuration Migration from ColdFusion MX 7 |
| 69447 | If you have pre-compiled templates that were compiled with ColdFusion MX 7, you must recompile them for ColdFusion 8. | Installation and Configuration Migration from ColdFusion MX 7 |

| Number | Description | Type |
|--------|--|---|
| 66378 | If you are using ColdFusion with Apache and uninstall and reinstall ColdFusion 8, you must run wsconfig to reconfigure Apache and restart Apache. If you do not do so, CFML files will not be processed and users will be prompted to save the files. | Installation and configuration On Apache |
| 67713 | When you are running ColdFusion on JBoss, ensure that the tools.jar file in the cfusion/lib directory matches the JRE you are running. If you don't do so, when you invoke a web service, it fails, generating a coldfusion.jsp.CompilationFailedException error. | Installation and configuration On JBoss |
| 68131 | <p>When configuring Apache on a Red Hat Enterprise Linux distribution where Security Enhanced Linux (SELinux) is enabled, the ColdFusion connector module is created with a SELinux security context that is incompatible with the security context for Apache's httpd process. This prevents Apache from starting; a message similar to the following is written to /var/log/messages:</p> <pre>"SELinux is preventing the /usr/sbin/httpd from using potentially mislabeled files /opt/coldfusion8/runtime/lib/wsconfig/1/mod_jrun22.so".</pre> <p>For Apache to load the ColdFusion connector module, you must modify the security context on mod_jrun22.so accordingly. The following commands illustrate how to modify the security context on the connector module so that it can be loaded by the Apache httpd process:</p> <p>Implicitly by Reference: <code>chcon --reference=/usr/sbin/httpd /opt/coldfusion8/runtime/lib/wsconfig/1/mod_jrun22.so</code></p> <p>Explicitly: <code>chcon -t httpd_sys_content_t /opt/coldfusion8/runtime/lib/wsconfig/1/mod_jrun22.so</code></p> | Installation and configuration On Linux and Apache |
| 65686 | On Mac OS X, you must use the ColdFusion Launcher to configure web server connectors after installation. Executing the wsconfig binary directly is not supported on Mac OS X. | Installation and configuration On Mac OS X |
| 67901 | On Mac OS X, the JVM launches in the client configuration by default. Adding the -server switch to jvm.args in the jvm.config file has no effect on Mac OS X. | Installation and configuration On Mac OS X |
| 69744 | <p>If you get the following error message when you run ColdFusion applications after upgrading your Red Hat installation, it is likely that there was a conflict in distribution library paths:</p> <pre>libgcc_s.so.1 must be installed for pthread_cancel to work</pre> <p>To resolve this issue, find the libgcc_s.so.1 file (you might be using a different version) and add it's path to the LD_LIBRARY_PATH environment variable, as shown in the following example:</p> <pre>locate libgcc_s /usr/lib/libgcc_s.so.1 export LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/usr/lib</pre> <p>Put this line in the startup script to make this change permanent.</p> | Installation and configuration On Red Hat |

| Number | Description | Type |
|--------|---|---|
| 67891 | <p>If the ColdFusion installer seems to hang when you install on Solaris, it could be due to a Verity-related issue. If so, do the following to make the installation continue:</p> <p>Execute the command "ps -ef grep k2 grep -v grep" and kill all the processes running Verity k2 processes.</p> | Installation and configuration On Solaris |
| 67618 | <p>If you install ColdFusion on Windows (specifically Windows Vista), the server might use more memory than intended due to the memory requirements related to fonts. This is due to the memory requirements related to fonts. To avoid this issue, you should delete any unused fonts from the Windows fonts directory.</p> | Installation and configuration On Vista |
| 63775 | <p>If you deploy ColdFusion on a WebLogic server, the following warnings may occur at startup:</p> <p>log4j:WARN No appenders could be found for logger (com.opensymphony.oscache.base.Config). log4j:WARN Please initialize the log4j system properly.</p> <p>These messages are harmless and you can ignore them.</p> | Installation and configuration On WebLogic |
| 69297 | <p>If you use WebSphere Application Server and enable its debugging service, you must append the following line in the Server -> Debugging Service -> JVM Debug Arguments configuration entry to avoid NullPointerException errors:</p> <p>-Dcom.ibm.debug.attach.agent.xslt.enabled=false</p> | Installation and configuration On WebSphere Application Server |
| 68987 | <p>ColdFusion 8 on WAS 6.1 on SuSE 9 is not supported.</p> | Installation and configuration On WebSphere 6.1 On SuSE 9 |
| 67906 | <p>If you install the ODBC services ColdFusion 8 on Windows, they do not properly log event messages to the system event logger. To view the messages, you must open the log files in the <code>cf_root\db\slserver54\logging</code> directory.</p> | Installation and configuration On Windows |
| 67996 | <p>In order for the connector configuration program wsconfig to successfully install connectors on Windows, the web server must be running as a service and not from the command line. This allows wsconfig to correctly start & stop the web server.</p> | Installation and configuration On Windows |
| 69364 | <p>When installing the Report Builder without previously uninstalling it, you might get a prompt asking you to overwrite a file that is newer on disk. Choose yes to get the correct file.</p> | Installation and Configuration Report Builder |
| 68496 | <p>When migrating ColdFusion MX 7, the Server Settings > Caching > Cache web server paths setting is not migrated by migration wizard.</p> | Installation and configuration Server configuration Migration |
| 63771 | <p>If you are running ColdFusion 8 on SuSE 8.x, you must upgrade to libstdc++.so.5.</p> | Installation and configuration SuSE 8.x |

| Number | Description | Type |
|--------|---|---------------------------|
| 70034 | On certain configurations of ColdFusion, if you include a CFML page from a JSP page, cookies may not be set. This applies only to the following configurations: Jboss4.2.0GA + ColdFusion 8 JRun with ColdFusion 8 server configuration | JSP Calling CFML page |
| 66613 | Both cfpdf action="thumbnail" and cfpdf type="pdf" do not handle JPEG2000 images. They are skipped or ignored; the rest of the page is handled successfully. | PDF document manipulation |
| 64986 | If you apply a protect action to any secured PDF file, that is, one that has permissions or a password set, the file loses any previous permissions and allows everything by default. To avoid this behavior you must specify an owner password and permissions for the PDF file explicitly. | PDF document manipulation |
| 69958 | LiveCycle Designer8 generates forms with the following in-built security restrictions: Document Assembly' --> Not Allowed Changing the document' --> Not Allowed As a result, you can use them for assembly only after flattening them. | PDF forms |
| 70028 | For HTTP submission from dynamic XFA forms in Acrobat or Reader 8.1.0 to work, you must modify a registry key as follows: 1. To edit the registry, on the Start Menu, select Run, enter regedit and then click OK. 2. Do the following: a. To update Adobe Acrobat, select the following: \My Computer\HKEY_CURRENT_USER\Software\ Adobe\Adobe Acrobat\8.0\AVPrivate b. To update Acrobat Reader, select the following: \My Computer\HKEY_CURRENT_USER\Software\ Adobe\Acrobat Reader\8.0\AVPrivate c. If AVPrivate does not exist, right-click the 8.0 folder, select New > Key, and name the folder AVPrivate. 3. Right-click in the right hand pane, select New > DWORD Value, enter bForceXFADirectRender, and then press Enter. 4. Right-click bForceXFADirectRender and select Modify. 5. In Value data, enter 0, and then click OK. Note: You must restart Acrobat whenever you change the registry setting. | PDF forms |
| 67257 | On Mac OSX, default printer information is cached by default. If you update the default printer information, you must restart ColdFusion so that it uses the new settings. | Printing |
| 65818 | Because the ColdFusion SELECT statement parser for query of queries evaluates expression from right to left, you must use parentheses to clarify the order of precedence. | Query of queries |

| Number | Description | Type |
|--------|---|------------------|
| 69956 | A query of queries no longer throws an exception if a SELECT statement ORDER BY clause includes a CLOB data type column. The CLOB column has no effect on the order, however. | Query of queries |
| 66124 | Report Builder cannot interpret following color formats supported by CSS standards: rgb(0, 255, 0) & rgb(0%, 50%, 0%). | Report Builder |
| 66409 | When exporting CSS, Report Builder does not write default values for style attributes. In such cases, only empty style are saved. | Report Builder |
| 68803 | In the Report Designer, if you encounter an error about a column name that is not a real column name (for example, STARTCATE instead of STARTDATE), go back into the Query Builder, press space in Select line and Save, and then run the report again. | Report Designer |
| 69258 | In a report, if you assign a style to a control, you can override the style attributes by changing the value on the control. Modifications made to the control are superimposed on the style. However, if you then change the style, all the modifications are cleared and the control becomes a copy of the style. | Report Designer |
| 69987 | You must put quotation marks (“”) around string input parameter values. The quotes are required because the dialog allows any types of values like, such as float, date-time, integer, or object. so ColdFusion does not automatically surround the value in quotation marks. | Report Designer |
| 65484 | To obtain optimized HTML, XLS or CSV documents, follow these guidelines: <ul style="list-style-type: none"> Minimize the number of rows and columns in the grid oriented formats (the number of "cuts"). To do so, align your report elements as often as you can, both on the horizontal and the vertical axis, and eliminate the space between elements. <ul style="list-style-type: none"> Inefficient layout Grid friendly layout Avoid overlapping report elements. Make sure report element do not overlap when the report is generated. If two elements share a region, they cannot share the same cell in the resulting grid structure. Overlapping elements might lead to unexpected results. | Reporting |
| 69687 | If you must use text margins on individual text fields of an RTF report, you must add the following system flag to your JVM arguments: -DColdFusion.RTF.RespectPadding=true | Reporting |
| 67868 | FIPS certified cryptography is not available when running ColdFusion on WebSphere 5.1. | Security |
| 67935 | The FIPS certified cryptography is not available when running ColdFusion on JBoss. JBoss explicitly initializes the SecureRandom number generator with too few bytes of information (8); FIPS requires at least 20. | Security |
| 65111 | The Server Monitor UI does not work on the Oracle 10g application server if you are using a JDK version below 1.4.2_06. | Server Monitor |
| 65178 | The Server Monitor does not track COM objects in calculating memory usage. | Server Monitor |
| 65679 | On the Server Monitoring Alerts settings page, CFC paths are accepted as absolute physical path instead of relative to the web root, for example, C:\inetpub>alertsCFCs\hungalert.cfc. | Server Monitor |

| Number | Description | Type |
|--------|--|----------------|
| 65770 | The Multiserver Monitor displays active requests and running requests as one, even though there are no CFML template requests. This is similar to the behavior in Server Monitor - Summary Page Graph for Active Requests and Running Requests. This active request is due to the server monitoring call made by the Multiserver Monitor. | Server Monitor |
| 65993 | The Multiserver Monitor uses Flash SharedObjects to save information on the local disk. Shared Objects are just like cookies. As a result, the SharedObject for a Multiserver Monitor served by "127.0.0.1" is different for a Multiserver Monitor served by "localhost". | Server Monitor |
| 66192 | To specify which IPs to allow to connect to the ColdFusion server via the Multiserver Monitor, modify the file named multiservermonitor-access-policy.xml in the CFIDE directory to allow IP or domain access. Remove the comments from the line that indicates no external domains or IPs have access to this server: <pre><!--<allow-access-from domain="*" />--></pre> | Server Monitor |
| 67049 | If you select the No Authentication Needed option on the Security > Administrator page in the ColdFusion Administrator, you cannot connect to the server through Multiserver Monitor. Specify any user name and password to connect to the server. | Server Monitor |
| 67569 | To use Server Monitor or Multiserver Monitor on a J2EE deployment of ColdFusion on Oracle 10g, set <pre>-Doc4j.jmx.security.proxy.off=true</pre> in Java Options in server properties. . | Server Monitor |
| 67946 | In the Server Monitor, the average response time becomes 0 everywhere after you reset the slowest request by average report. | Server Monitor |
| 68431 | In the Server Monitor, variables declared with the var keyword are not included in the active request detail. | Server Monitor |
| 68804 | Do not change the server IP or URL while reconnecting after disconnecting from the Server Monitor UI. If you do so, the Server Monitor does not remove old data. | Server Monitor |
| 69019 | If the Multiserver Monitor fails to match a policy in multiservermonitor-access-policy.xml, it attempts to GET /crossdomain.xml from the web root. If crossdomain.xml has a matching policy, Multiserver Monitor connects and attempts to authenticate. | Server Monitor |
| 66780 | If there is a cfabort tag in one of the application event tags; and if showerror is defined, cferror is defined, and onError is defined; onError takes precedence. | Tags - cfabort |
| 67439 | When a function specifies a return type and does not return anything, an InvalidReturnType exception is generated. However, the exception type of this exception is set to the return type. For example, if returntype=numeric, #cfcatch.type#=#numeric. | Tags - cfcatch |

| Number | Description | Type |
|--------|---|---------------------------|
| 65330 | Previously, if you plotted more than one chart series with multiple points, such that some points are present in one series but missing from the other one, the cfchart tag would extrapolate the values for the missing points. This behavior could not be controlled by the user. In this release, a new attribute isInterpolated="true false", controls this behavior. You specify this attribute in the style file of the chart inside the <frameChart> tag. | Tags - cfchart |
| 64163 | On JBoss, if you specify <cfcontent type="text/xml">, JBoss always includes a charset value in the content type header of the response, for example, "text/html;charset=UTF-8". | Tags - cfcontent |
| 67589 | The cfdbinfo tag does not detect a user-defined type and does not show how that custom type is defined. | Tags - cfdbinfo |
| 69470 | The cfdbinfo tag does not support data sources created with the Microsoft Access driver (which depends on the ODBC Socket driver). | Tags - cfdbinfo |
| 63745 | If you use the cfdocument tag with a cfpdfform tag to embed a PDF form, and the cfdocument tag encryption attribute is set and cfdocument tag permissions are specified as null, the cfpdfform tag does not prefill the data into the embedded PDF form. To work around this issue, ensure the following: If encryption is set to 128-bit, permissions must include AllowFillin. If encryption is set to 40-bit, permissions must contain "AllowModifyContents". | Tags - cfdocument |
| 64090 | If you use the cfdocument tag on a web page that is created using JavaScript and that contains many div tags and CSS positioning attributes the browser does not layout the page properly. | Tags - cfdocument |
| 64142 | The cfdocument tag does not support fontembed="selective". | Tags - cfdocument |
| 70084 | When a cfdocument variable is used as the source in the cfpdfform tag, if you do not specify the name or destination attribute, an error is generated, with the following message: Error casting an object of type [B cannot be cast to java.lang.String to an incompatible type. | Tags - cfdocument |
| 70089 | If source in cfpdfform action="addwatermark" is a cfdocument, in the generated PDF in which foreground="no", the image is overlaid on the page behind the text without any transparency. | Tags - cfdocument |
| 64320 | If both the show and hide attributes are specified in the cfdump tag, the show attribute overrides the hide attribute. | Tags - cfdump |
| 66981 | Expanding or collapsing items of output from a cfdump does not work properly when the cfdump is in the source which is rendered on a cfpod. | Tags - cfdump |
| 69463 | Dumping a character array that is returned from a .NET method doesn't display the character values; instead, it displays the contents of the java.lang.Character class. | Tags - cfdump |
| 69868 | If you use the cfexchangecalendar tag with Exchange 2007, setting and retrieving resources attribute on a calendar event does not work as expected. The resource gets an e-mail notification of the meeting, but it does not appear in the Resources column of the query returned by the cfexchangecalendar tag get action. To work around this issue, also add any resources as required attendees. | Tags - cfexchangecalendar |

| Number | Description | Type |
|--------|--|--|
| 69520 | You cannot retrieve of the contents of attachments from Microsoft Exchange 2007 servers. When you use a ColdFusion Exchange tag with the getAttachments action, attachment information such as attachment file name, size, mime-type etc. is retrieved properly. If you specify an attachmentPath attribute, however, the tag generates an error. | Tags - cfexchangecalendar, cfexchangecontact, cfexchangeemail cfexchangetask |
| 64369 | In the cfexchangecalendar tag, when you use the cfexchangefilter tag, an error is generated when the FROM and TO dates are more than 2 years apart. | Tags - cfexchangefilter |
| 64789 | When creating a feed, the cffeed tag may specify an encoding attribute in the first line of the feed different from the one specified in the tag. | Tags - cffeed |
| 65040 | In the cffeed tag, when IgnoreEnclosureException="false" and there is any enclosure URL which cannot be downloaded, ColdFusion generates an error. This is because not all the enclosure types are allowed to be downloaded by default. | Tags - cffeed |
| 67079 | You cannot read or write <itunes:new-feed-url> element from RSS feed. | Tags - cffeed |
| 67493 | The cffeed tag does not support reading dc (Dublin Core) elements on the image or textinput levels. | Tags - cffeed |
| 66731 | When you pass a date to cffeed action="create" ColdFusion expects the date with a space formatted, when combined with timeformat(), for example: myStruct.item[1].pubDate=dateFormat(Now()) & " " & timeFormat(Now()); | Tags - cffeed |
| 70061 | If you use the cffeed tag to read feed URLs that require header Accept-Encoding: gzip or deflate to be set on connection, you may see the "unknown compression format" error message. To avoid this issue, read the feed with the cfhttp tag with encoding using the cfhttpparam tag, save the content in a file, and then use the file as the source for the cffeed tag. | Tags - cffeed |
| 66783 | If you use more than one grid in a Flash form, the cfgrid tag generates a conflict. | Tags - cfgrid |
| 66945 | On the Safari browser only, when you enter a page number a in cfgrid page box and then press Enter, an empty error box appears, and then the page is refreshed. | Tags - cfgrid |
| 69833 | In HTML format grids, text sorts are case sensitive. | Tags - cfgrid |
| 67448 | If you specify a DOCTYPE at the top of a page that includes a cflayout tag with type="border", the cflayout tag must have a style attribute with a height property; otherwise, the layout contents does not display properly. | Tags - cflayout |
| | For the cfmenu tag to properly display in Safari browsers, you must specify the following DOCTYPE tag at the top of the CFML file that contains the tag: <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN" "http://www.w3.org/TR/html4/strict.dtd"> | Tags - cfmenu |
| 69567 | When the cfpdf tag prepares to generate a table of contents, if any font that is required to create the output PDF is unavailable, the assembler processing fails. The error message is cryptic and only says "cause given". To get more information, enable robust debugging in the ColdFusion Administrator. The full stack trace should show the cause. | Tags - cfpdf |

| Number | Description | Type |
|----------------|---|---|
| 69972 | When running ColdFusion on WebSphere 5.1, cfprint type="pdf" and cfpdf action="thumbnail" of a secured PDF document are not available. This is due to a problem with the IBM 1.4 JDK. | Tags - cfprint and cfpdf On WebSphere Application Server |
| 63099 | When performing a data extraction using the cfpdfform tag results in more than one page, instead of returning one structure, the extraction returns one structure per page. | Tags - cfpdfform |
| 68422 | When adding a SWF with built in audio, the audio starts one slide too early because Acrobat Connect does not allow you to control the preloading behavior. | Tags - cfpresentation |
| | The cfpresentation tag does not support the following: Embedded audio in an external SWF used as slide Interactive SWF file used as slide A SWF file that is not compatible with Flash 8.0 Embedding a SWF file inside cfpresentation slide content | Tags - cfpresentation |
| 67551 69834 | The cfprint tag does not support printing Adobe Live Cycle Forms or Adobe Acrobat Forms (AcroForms). | Tags - cfprint |
| 61720 61721 | In the cfswitch and cfcase tags, if you specify a date string such as "02-01-01" or "02/01/01" in the expression or value attribute, the string is no longer converted to a number of days from 12/30/1899 for use in the cfcase comparison. Instead, the string is converted to a Date object. As a result, cfcase tags that compare a date string with a numeric value, such as 36923.00, that represents a time span from 12/30/1899, can have different results than in the past. | Tags - cfcase and cfswitch Date strings |
| 69313 | When using Microsoft Windows Vista with IIS7, if you use the cfreport tag to generate HTML output with embedded images, the images may not display. The image files are generated without a file extension or mime type. To enable IIS7 to serve static content, refer to "Requests for static files return 404 error" on the Microsoft web site for more information. | Tags - cfreport On Windows Vista with IIS 7 |
| 68197 | OpenType fonts that are compacted do not work properly in the cfdocument, cfprint, and cfreport tags. | Tags - cfdocument, cfprint, cfreport OpenType fonts |
| 68025 | If you are running WebSphere 5.1, working with protected PDF files using the cfpdf tag is not supported. | Tags - cfpdf WebSphere 5.1 only |
| 68795 | In Firefox, if you try to move a window above the displayable area of the browser, the window title moves outside the displayable area and you can't close or move it. This problem does not happen in Internet Explorer. | Tags - cfwindow |
| 69946 | To parse xml files in Oracle Application Server where the DTD path in the XML specifies a file in the local system, the path must start with file://. For example, if the DTD path is C:\work\la.dtd, the XML doctype declaration should specify file://C:\work\la.dtd. | XML |

Documentation additions and changes

The following late-breaking information was not in the standard documentation at the time of the release, and is not in the published documentation.

- n [“Installation instructions”](#)
- n [“New JavaScript functions”](#)
- n [“ColdFusion Debugger documentation additions”](#)
- n [“CFML Reference additions and corrections”](#)
- n [“Developer’s Guide Additions and corrections”](#)
- n [“ColdFusion Administrator Help”](#)
- n [“ColdFusion Extensions for Eclipse Help”](#)

Installation instructions

When you use wsconfig, you should use the `-ws64` flag to help configure 64 bit Apache. 32 bit is configured by default.

You should use the following instructions to install ColdFusion 8 on JBoss instead of the instructions in *Installing and Using ColdFusion*.

Deploying ColdFusion 8 on JBoss Application Server

ColdFusion 8 supports JBoss with the following specifications:

- JBoss 4.0.5 (uses Tomcat 5.5 Server Container)
- Sun JRE 1.4.2_09, Sun JRE 1.5, and Sun JRE 1.6
- Host OS - Windows 2003 server SP1 and RH Linux 4 AS

ColdFusion 8 does not support the following:

- ColdFusion deployment on a clustered JBoss environment
- JBoss using a servlet container other than Tomcat
- Operating systems that are not in the previous list

Note: If you are already using an application with context root of /, you must use a context root other than / for the cfusion-ear file. If you specified / when you installed ColdFusion, you can change it by opening the cfusion-ear/META-INF/application.xml file in a text editor and modifying the context-root element. After you deploy the cfusion-ear file, you access ColdFusion pages by specifying `http://hostname:portnumber/contextroot/pagename.cfm`.

If you are updating an existing deployment of ColdFusion MX, ColdFusion MX 6.1, or ColdFusion MX 7 for J2EE, you must undeploy ColdFusion MX, ColdFusion MX 6.1, or ColdFusion MX 7 for J2EE before you deploy ColdFusion 8.

When you deploy ColdFusion on an existing version of JBoss, you must expand the EAR file or WAR files manually before deployment.

This document uses the following conventions:

JBOSS_HOME Directory where JBoss is installed, for example, `C:\jboss-4.0.5SP1` in Windows or `/usr/local/jboss-4.0.5.SP1` on UNIX

JBOSS_DEPLOY_DIR Application deployment directory in JBoss, for example, `C:\jboss-4.0.5SP1\server\default\deploy`

CF_WEBAPP_ROOT Directory where ColdFusion is deployed, for example: C:\jboss-4.0.5SP1\server\default\deploy\cfusion.ear\cfusion.war

TEMP_LOCATION Temporary location where you extract the cfusion.ear file.

Deploy ColdFusion on JBoss

1. To ensure that ColdFusion can deploy on JBoss 4.0.5, perform the following steps instead of following the standard instructions in the cfm-x-j2ee-readme.txt file:

a. Keep periods in the directory names, instead of renaming them with dashes, for example, \deploy\cfusion.ear\cfusion.war.

a Do not make the updates to application.xml.

2. Set JAVA_HOME to the appropriate JRE or JDK.

3. Install ColdFusion by using the J2EE deployment option.

The installation program creates the cfusion.ear file in the install directory.

4. Create a folder named cfusion.ear and copy cfusion.war, rds.war and the META-INF folder into it.

5. In the cfusion.ear folder, extract the cfusion.war and rds.war files.

Two folders named cfusion and rds are generated.

6. Rename the cfusion and rds folders to cfusion.war and rds.war, respectively.

The resulting directory structure should appear as follows:

```
JBoss 4.2.0 or JBoss 4.0.5
server
  default
    deploy
      cfusion.ear
        cfusion.war
        META-INF
        rds.war
```

7. Delete the compressed cfusion.war and rds.war files.

8. Copy the cfusion.ear file to one of the following:

n jboss-4.0.5.GA\server\default\deploy

n jboss-4.2.0.GA\server\default\deploy

9. (Windows) Edit the JBOSS_HOME\bin\run.bat file by doing the following:

a. If not present, add the JVM (-Xmx512m) parameter to JAVA_OPTS.

b. Ensure that the permanent generation heap size is set by adding -XX:MaxPermSize=128m to JAVA_OPTS.

Without this parameter, the JVM can generate a java.lang.OutOfMemoryError error. For more information, see (<http://wiki.jboss.org/wiki/Wiki.jsp?page=PermanentGeneration>).

c. Save the run.bat file.

d. Start the server by running the JBOSS_HOME\bin\run.bat file.

10. (Linux) Edit the JBOSS_HOME/bin/run.conf file by doing the following:

a. In JAVA_OPTS, change -Xmx128m. to -Xmx512m.

b. Add -XX:MaxPermSize=128m to JAVA_OPTS.

c. Save the run.conf file.

d. Start the server by running the JBOSS_HOME/bin/run.sh file.

To enable features with operating system-specific binaries, configure ColdFusion. This step is required to support the following features that use binaries that are specific to your operating system:

- CFX tags written in C++
- Microsoft Access driver with Unicode support (Windows only)

Use the following procedure for your operating system to configure the search paths to find the required binary files. These files are located in the CF_WEBAPP_ROOT\WEB-INF\cfusion\lib directory.

Configure operating system-specific binary support for Windows

1. Ensure that JBoss Server is stopped.
2. Edit JBOSS_HOME\bin\run.bat by adding the following:

```
set CF_LIB_PATH=JBOSS_DEPLOY_DIR\cfusion.ear\cfusion.war\WEB-INF\cfusion\lib
set PATH=%PATH%;%CF_LIB_PATH%
```
3. Edit the run.bat file that is located in the JBOSS_DEPLOY_DIR by doing the following:
 - a. Locate the following text:

```
@echo off
rem -----
rem JBoss Bootstrap Script for Win32
rem -----
```
 - b. Below this text, insert three lines and paste .

```
set CF_LIB_PATH=JBOSS_DEPLOY_DIR\cfusion.ear\cfusion.war\WEB-INF\cfusion\lib
set PATH=%PATH%;%CF_LIB_PATH%
```
4. Save the file and start the server.

Note: You must copy the version of tools.jar that the application server uses to the cfusion/lib directory.

Configure operating system-specific binary support for Linux

1. Ensure that JBoss Server is stopped.
2. Edit JBOSS_HOME/bin/run.sh by adding the following:

```
export LD_LIBRARY_PATH=$LD_LIBRARY_PATH:CF_WEBAPP_ROOT/WEB-INF/cfusion/lib
```
3. Save the file and start the server.

Enable COM support (Windows only)

4. Ensure that JBoss Server is stopped.
5. Edit JBOSS_HOME\bin\run.bat by adding the following:

```
set CF_LIB_PATH=%CF_LIB_PATH%;CF_WEBAPP_ROOT\WEB-INF\cfusion\jintegra\bin;CF_WEBAPP_ROOT\WEB-
INF\cfusion\jintegra\bin\international
```
6. Save the file and start the server.

Enable communication with Flex

When ColdFusion is configured to use RMI for LiveCycle Data Services ES, ColdFusion listens on port 1099 by default. However JBoss typically starts listening on this port before ColdFusion does; as a result, an exception is thrown. To configure ColdFusion to use a different RMI port, on the Java and JVM page of the ColdFusion Administrator, specify the following in the JVM arguments text area:

```
-Dcoldfusion.rmiport=nnnn
```

Replace *nnn* with the value of an unused port. If you try to connect from a LiveCycle Data Services ES server that is running in another JVM server to ColdFusion over RMI, the Flex server must start with the same JVM argument.

Disable RDS

1. Stop ColdFusion.
2. Edit `JBOSS_DEPLOY_DIR\cfusion.ear\cfusion.war\WEB-INF\web.xml` by commenting out the following:

```
<!-- <servlet id="macromedia_servlet_8789">
  <servlet-name>RDSServlet</servlet-name>
  <display-name>RDS Servlet</display-name>
  <servlet-class>coldfusion.bootstrap.BootstrapServlet</servlet-class>
  <init-param id="InitParam_103401311065856789">
    <param-name>servlet.class</param-name>
    <param-value>coldfusion.rds.RdsFrontEndServlet</param-value>
  </init-param>
</servlet> -->
<!-- <servlet-mapping id="macromedia_mapping_9">
  <servlet-name>RDSServlet</servlet-name>
  <url-pattern>/CFIDE/main/ide.cfm</url-pattern>
</servlet-mapping> -->
```

3. Save the file and start ColdFusion.

If you notice security based errors when JBOSS is starting (errors that mention Java and security), to resolve these issues do the following by editing the `run.bat` file as follows:

4. Go to the line that contains the `-Xmx512m` parameter.
5. Change the text: `-Dprogram.name=%PROGNAME%` to be `-Dcoldfusion.disablejsafe=true %JAVA_OPTS%`.

These security errors occur because some versions of JBOSS can not handle additional encryption software that ColdFusion uses for higher security standards. Some features, such as EJB3, require JRE 1.5. To use JRE 1.4, ensure that the `jboss-aop-deployer` pack is not installed as part of the JBoss installation. JBoss installs EJB3 if this pack is selected, which results in JBoss generating errors.

New JavaScript functions

The following `ColdFusion.JSON.encrypt` and `ColdFusion.JSON.decrypt` functions are not included in the CFML reference pages. They should appear in the AJAX JavaScript Functions section.

ColdFusion.JSON.decode

Description

Converts a JSON-encoded string to a JavaScript variable.

Function syntax

```
ColdFusion.JSON.decode(string)
```

See also

[ColdFusion.JSON.encode](#), [DeserializeJSON](#), [SerializeJSON](#), “Using Ajax Data and Development Features” on page 647 in the *ColdFusion Developer’s Guide*, <http://www.json.org>

History

ColdFusion 8: Added this function

Parameters

| Parameter | Description |
|-----------|-----------------------|
| string | The string to encode. |

Returns

A Javascript variable containing the data in the JSON encoded string.

Usage

Use this function when you must explicitly convert between JavaScript and JSON format, for example, when you must call a remote function that is not in a CFC.

If the JSON string has a security prefix as defined by the Server Settings > Settings page of the ColdFusion Administrator or specified in the `cfapplication` or `cffunction` tags, the function strips the prefix before decoding the string.

Example

The following example uses the `ColdFusion.JSON.decode` and `ColdFusion.JSON.encode` functions. When the user clicks the “Call” link, the `callMe` function encodes the String as JSON and calls the `echo` CFC’s `plainEcho` function with the result. The function also sets the return format to plain, so that the CFC function does not automatically convert its return value to JSON, and sends plain text instead.

The `echo.cfc` component has two functions:

- The `plainEcho` function converts its argument from JSON to a ColdFusion variable, calls the `echo` function, converts the result to JSON and returns it to the caller.
- The `echo` function creates a structure, sets the structure’s `a` entry to the input parameter, and returns the result. (You could call this function remotely using to see the result of calling a function that does not encode JSON when you request a plain return type. To see the results, use the `?cfdebug` HTTP parameter when you run the main page.)

The main page has the following lines:

```
<cfajaxproxy cfc="echo">
<cfajaximport>

<html>
  <head>
    <script>
      function callme()
      {
        var e = new echo();
        e.setReturnFormat('plain');
        var args = {a:"Hello again!"};
        var argsJSON = ColdFusion.JSON.encode(args);
        var json = e.plainEcho(argsJSON);
        var o = ColdFusion.JSON.decode(json);
        alert(o.A);
      }
    </script>
  </head>

  <body>
    <a href="javascript:callme()">Call</a>
  </body>
</html>
```

The `echo.cfc` file has the following lines:

```

<cfcomponent output="false">

    <cffunction name="echo" access="remote">
        <cfargument name="text">
            <cfset var ret = StructNew()>
            <cfset ret.a = text>
            <cfreturn ret>
        </cfargument>
    </cffunction>

    <cffunction name="plainEcho" access="remote">
        <cfargument name="text">
            <cfset t = deserializeJSON(text)>
            <cfset ret = echo(t.A)>
            <cfreturn serializeJSON(ret)>
        </cfargument>
    </cffunction>

</cfcomponent>

```

ColdFusion.JSON.encode

Description

Converts a JavaScript expression to a JSON-encoded string.

Function syntax

ColdFusion.JSON.encode(*expression*)

See also

[ColdFusion.JSON.decode](#), [DeserializeJSON](#), [SerializeJSON](#), “Using Ajax Data and Development Features” on page 647 in the *ColdFusion Developer’s Guide*, <http://www.json.org>

History

ColdFusion 8: Added this function

Parameters

| Parameter | Description |
|-----------|--|
| name | An expression with the data to encode. |

Returns

A String containing the data in JSON encoded format.

Usage

Use this function when you must explicitly convert between JavaScript and JSON format, for example, when you must call a remote function that is not in a CFC.

Example

See the example in [ColdFusion.JSON.decode](#).

ColdFusion Debugger documentation additions

The following ColdFusion Debugger features are not documented:

Port configuration

To set a fixed port number for the RDS Debugger server to use, specify the following JVM argument on the Java and JVM page of the ColdFusion Administrator (or the appropriate place for your J2EE Application Server), replacing *portNumber* with the port you want to use:

```
-DDEBUGGER_SERVER_PORT=portNumber
```

Test Debugger

You can determine whether the Debugger server is configured correctly in Eclipse by selecting Window > Preferences > ColdFusion > RDS Configuration, and then clicking Test Debugger.

Edit RDS Preferences

You can modify RDS configurations easily from the RDS Fileview or RDS Dataview by clicking the Edit RDS Preferences button in the view.

CFML Reference additions and corrections

The following additions and corrections apply to entries in the *CFML Reference*.

cfcomponent addition

The `cfcomponent` tag has an optional `alias` attribute that specifies the type label to give the object when it is converted from CFML to ActionScript 3. It matches the `alias` attribute of AS3 types. This attribute applies only to Flash Remoting and LiveCycle Data Services value objects, and lets you work with typed objects in both ColdFusion and Flash.

cfexchangeconnection additions

The `cfexchangeconnection` tag has the following additional attributes. You can also use these attributes in the `cfexchangecalendar`, `cfexchangecontact`, `cfexchangemail`, and `cfexchangetask` tags when you create a transient connection for use with that tag instance only.

| Attribute | Req/Opt | Default | Description |
|---|----------|----------|---|
| <code>ExchangeApplicationName</code> | Optional | exchange | The name of the Exchange application to use in the URL that accesses the server. Specify this attribute if your IIS server does not use the default name for your Exchange application. |
| <code>formBasedAuthenticationURL</code> | Optional | | The URL to which to post the user ID and password when an Exchange server uses form-based authentication. Use this attribute only if your Exchange server does not use default URL for form-based authentication. The default URL has the form <code>https://exchangeServer/exchweb/bin/auth/owaauth.dll</code> , for example, <code>https://exchange.mycompany.com/exchweb/bin/auth/owaauth.dll</code> . |

NOTE You cannot establish a connection to an Exchange server if you require a special authentication step, such as requiring a VPN PIN or performing biometric authentication, on a server that is outside your firewall, and the authentication server then routes the messages to your Exchange server inside the firewall.

cfexchangefilter correction

The UID entry in the table of cfexchangecalendar filters states that the filter is “A case-sensitive Exchange message UID that uniquely identifies one message.” It should state that the filter is “A case-sensitive Exchange message UID that uniquely identifies one calendar entry.”

cfexchangetask correction

The cfexchangetask tag supports the GenerateUniqueFileNames attribute. Its default value is false.

cfprint correction

The default for the pageScaling element is listed as fit-to-printer-margins; however, it is reduce-to-printer-margins.

cfstoredproc addition

The cfstoredproc tag has the following additional attributes:

| Attribute | Req/Opt | Default | Description |
|--------------|----------|---------|---|
| cachedAfter | Optional | | A date value (for example, April 16, 2008, 4-16-2008). If the date of original query is after this date, ColdFusion uses cached query data. To use cached data, the current query must use same SQL statement, data source, query name, user name, and password. A date/time object is in the range 100 AD–9999 AD. When specifying a date value as a string, you must enclose it in quotation marks. |
| cachedWithin | Optional | | A time span, created using the CreateTimeSpan function. If the original query date falls within the time span, cached query data is used. CreateTimeSpan defines a period from the present, back. Takes effect only if query caching is enabled in the Administrator. To use cached data, the current query must use the same SQL statement, data source, query name, user name, and password. |

cftextarea correction

The Syntax summary of the cftextarea reference lists the toolbar attribute options as default and basic. This attribute is case sensitive, and the correct option names are Default and Basic. The detailed description in the Attributes section uses the correct attribute names.

GetPrinterInfo correction and addition

The documentation for GetPrinterInfo should state the following:

Returns a structure that contains the attributes supported by the printer. If the printer is not specified, the structure contains attributes supported by the default printer, if one exists.

In Windows systems, the account running the ColdFusion server must have PRINTER_ACCESS_USE access rights for each printer it uses. Even if the printer is configured locally on the system, the printer is not available if the account in which ColdFusion is running does not have the proper permissions.

JavaCast correction

The last two bullets in description of the `JavaCast` function type parameter (in the Parameters table of the `JavaCast` reference) are not properly indented, which might result in a misinterpretation of the information. These lines are sub-bullets of the preceding bullet, and should look as follows:

- n `xxx[]` where `xxx` is one of the following:
 - n any of the preceding types, except for null
 - n a Java class name

ToBinary addition

The `ToBinary` function can now take as a parameter a PDF document variable (specified by the `cfpdf` tag `name` attribute). In this case, the `ToBinary` function returns a byte array (`byte[]`) representation of the document. You can use the results of this function, for example, to store the PDF in a database as a BLOB, or, in a `cfcontent` tag, to write the PDF to the browser. You no longer have to write the variable to a disk and then read it using `cffile` `action="readBinary"` before doing these operations. You can use this binary representation with a read operation in the `cfpdf` tag to create a new variable.

The following example reads an unprotected PDF file, applies protections, and displays it in the browser:

```
<cfpdf action="read" source="Copy of coldfusion11.pdf" name="p">
<cfpdf action="protect" source="p" newUserpassword="user" permissions="none"
      newOwnerpassword="owner">
<cfcontent type="application/pdf" variable="#tobinary(p)#">
```

Developer's Guide Additions and corrections

The following documentation additions and corrections apply to the *ColdFusion Developer's Guide*.

Correction to Using Regular Expressions in Functions chapter

The "Using Character Classes" topic of the "Using Regular Expressions in Functions" incorrectly defines the meanings of the `[:word:]` and `[:alnum:]` character classes and the `\w` escape sequence. The `[:word:]` character class is equivalent to the `\w` escape sequence, and match alphabetic and numeric characters plus the underscore (`_`) character. The `[:alnum:]` character class does not match the underscore character, only alphabetic and numeric characters.

Correction to Designing and Optimizing a ColdFusion Application chapter

Step 2 of the "Set the mappings per application" procedure in the "Specifying settings per applications" topic of the "Designing and Optimizing a ColdFusion Application" has the following errors:

- n The first example line incorrectly omits a leading slash (`/`) character from the mapping value. The following line is correct:

```
<cfset THIS.mappings["/MyMap"]="c:\inetpub\myStuff">
```
- n The second example line also incorrectly omits a leading slash (`/`) character from the mapping value. Also, this line works only if you already have created a `THIS.mappings` variable.

Addition to Using Ajax UI Components and Features

The documentation should state that you should not bind to a rich text area on load of a page (for example, from another control, such as a text box).

ColdFusion Administrator Help

The Help for the Set Request Tuning page says that the default value for Maximum number of simultaneous Template requests is 8. It is 10. It also says that the default value for Maximum number of simultaneous CFC function requests is 5. It is 10. It also says that the default value for Maximum number of running JRun threads is 25. It is 50.

In the Administrator Help, on the Set per application settings page, in the following code, MyMap should be /MyMap:

```
<cfset THIS.mappings ["MyMap"] = "c:\inetpub\myStuff">  
and  
<cfset StructInsert(THIS.mappings, "MyMap", "c:\inetpub\myStuff")>
```

ColdFusion Extensions for Eclipse Help

The ColdFusion documentation is available as a plug-in for Eclipse. You can download the plug-in from the Adobe web site at http://www.adobe.com/go/cf_extensions.

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