

CFML GUIDE

2014



About

Hi,

We hope you enjoy this guide and find it useful. It's almost impossible to generate a printable format of all the functions and tags with their attributes over all cfml engines. We decided to show only the syntax of Adobe ColdFusion and indicate if the tag is more or less supported in the other engines. As we had limited space, we used some formats to give you more information about the tag or function:

- engine doesn't support the tag or function if the box is grey
- optional attributes are italic
- new tags, functions or attributes are blue
- the number in the box shows the version the tag or function is introduced

If you find errors, please report them on <http://www.cfmlguide.com> or <http://cfml.io> where you find the source database for this guide.

Color Codes



Core/Extended definition by
CFML Advisory Comittee (Inactive)
Black = Core, Grey = Extended Core



Adobe ColdFusion
adobe.com/products/coldfusion



OpenBD
openbd.org



Railo
getrailo.org



Indicates if the tag or function is available
in cfclient for Mobile Applications

Projects



cfml.io is the new home of all the data in this guide.
Later it should be possible for everyone to update
the information there and add other relevant information.
<http://cfml.io>



cfBrackets adds support for ColdFusion Markup
Language (CFML) to Brackets Code Editor. It's an
extension and can be installed simple with the
extension manager inside of Brackets
<http://cfbrackets.org>

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Imprint


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Tags


 `<CFABORT showerror="string">`


 `<CFAJAXIMPORT cssSrc="string" params="string" scriptSrc="string" tags="string">`

 `<CFAJAXPROXY bind="string" cfc="string" jsClassName="string" onError="string" onSuccess="string">`


 `<CFAPPLET* align="top|left|bottom|baseline|texttop|absbottom|middle|absmiddle|right" appletSource="string" height="num" hSpace="num" name="string" notSupported="string" vSpace="num" width="num">`


 `<CFAPPLICATION applicationTimeout="timespan" clientManagement="true|false" clientStorage="cookie|registry|datasource_name" datasource="string" googlemapKey="string" loginStorage="cookie|session" name="string" scriptProtect="none|all|form|url|cookie|cgi|form,url|form,url,cookie|form,url,cookie,cgi" secureJSON="true|false" secureJSONPrefix="true|false" serverSideFormValidation="true|false" sessionManagement="true|false" sessionTimeout="timespan" setClientCookies="true|false" setDomainCookies="true|false">`

 `<CFARGUMENT default="string" displayName="string" hint="string" name="string" required="true|false" type="any|array|binary|bool|date|guid|num|query|string|struct|uuid|xml|variablename| (component name)">`


 `<CFASSOCIATE baseTag="string" dataCollection="string">`

 `<CFBREAK>`


 `<CFCACHE action="cache|flush|clientcache|servercache|optimal|get|put" dependsOn="string" directory="string" expireUrl="string" id="string" idleTime="num" key="string" metadata="string" name="string" password="string" port="num" protocol="http://|https://" stripWhiteSpace="true|false" throwOnError="bool" timespan="timespan" useCache="true|false" useQueryString="true|false" username="string" value="string">`

 `<CFCALENDAR daynames="S,M,T,W,T,F,S" disabled="true|false" enabled="true|false" endRange="string" firstDayOfWeek="0|1|2|3|4|5|6" height="num" mask="MM/DD/YYYY" monthnames="January,February,March,April,May,June,July,August,September,October,November,December" name="string" onBlur="string" onChange="string" onFocus="string" selectedDate="string" startRange="string" style="haloBlue|haloGreen|haloOrange|haloSilver" tooltip="string" visible="true|false" width="num">`


 `<CFCASE delimiters="string" value="string">`

 `<CFCATCH type="application|database|template|security|object|missinginclude|expression|lock|custom_type|searchengine|any">`

Tags


6  **<CFCHART** backgroundColor="string" chartHeight="num" chartWidth="num" dataBackgroundColor="white|..." font="arial|times|courier|arialunicodeMS" fontBold="true|false" fontItalic="true|false" fontSize="num" foregroundColor="black|..." format="flash|jpg|png" gridLines="num" labelFormat="number|currency|percent|date" markerSize="num" name="string" pieSliceStyle="solid|sliced" scaleFrom="num" scaleTo="num" seriesPlacement="default|cluster|stacked|percent" show3d="true|false" showBorder="true|false" showLegend="true|false" showMarkers="true|false" showXGridlines="true|false" showYGridlines="true|false" sortXAxis="true|false" style="beige|blue|default|red|silver|yellow" tipbgcolor="white|..." tipStyle="mouseDown|mouseOver|none" title="string" url="\$VALUE\$|\$ITIMELABEL\$|\$SERIESLABEL\$" xAxisTitle="string" xAxisType="category|scale" xOffset="num" yAxisTitle="string" yAxisType="category|scale" yOffset="num">


6  **<CFCHARTDATA** item="string" value="string">


6  **<CFCHARTSERIES** colorList="string" dataLabelStyle="none|value|rowlabel|columnlabel|pattern" itemcolumn="string" markerStyle="rectangle|triangle|diamond|circle|letter|mcross|snow|rcross" paintStyle="plain|raise|shade|light" query="query" seriesColor="string" seriesLabel="string" type="bar|line|pyramid|area|horizontalbar|cone|curve|cylinder|step|scatter|pie" valueColumn="string">


11  **<CFCLIENT**>

11  **<CFCLIENTSETTINGS** enableDeviceAPI="true|false" detectDevice="true|false" deviceTimeout="num">

 **<CFCOL** align="left|center|right" header="string" text="string" width="num">

7  **<CFCOLLECTION** action="categorylist|create|delete|optimize|list|map|repair" categories="true|false" collection="string" engine="verity|solr" language="string" name="string" path="string">

6  **<CFCOMPONENT** accessors="true|false" alias="string" batchSize="num" bindingName="string" cacheName="string" cacheUse="read-only|nonstrict-read-write|read-write|transactional" catalog="string" discriminatorColumn="string" discriminatorValue="string" displayName="string" dynamicInsert="true|false" dynamicUpdate="true|false" embedded="true|false" entityName="string" extends="string" hint="string" implements="string" initMethod="string" joinColumn="string" lazy="true|false" namespace="string" optimisticLock="none|dirty|all|version" output="true|false" persistent="true|false" portTypeName="string" readonly="true|false" rowid="string" saveMapping="true|false" schema="string" selectBeforeUpdate="true|false" serializable="true|false" serviceAddress="string" servicePortName="string" style="rpc|document" table="string" WSDLFile="string">

 **<CFCONTENT** deleteFile="true|false" file="string" reset="true|false" type="string" variable="string">

9  **<CFCONTINUE**>

Tags

-  **<CFCOOKIE** domain="string" expires="object" httpOnly="true|false" name="string" path="string" secure="true|false" value="string">
-  **<CFDBINFO** datasource="string" dbname="string" name="string" password="string" pattern="string" table="string" type="Columns|DBNames|**Tables**|Foreignkeys|Index|Procedures|Version" username="string">
-  **<CFDEFAULTCASE>**
-  **<CFDIRECTORY** action="list|create|delete|rename" directory="string" filter="string" listinfo="name|all" mode="string" name="string" newDirectory="string" recurse="true|false" sort="asc|desc" type="dir|file|all">
-  **<CFDIV** bind="string" bindOnLoad="false|true" id="string" onBindError="string" tagName="div|span">
-  **<CFDOCUMENT** authPassword="string" authUser="string" backgroundVisible="true|false" bookmark="true|false" encryption="128-bit|40-bit|none" filename="string" fontembed="true|false" format="PDF|FlashPaper*" formFields="true|false" formsType="FDF|PDF|HTML|XML" localUrl="true|false" marginBottom="num" marginLeft="num" marginRight="num" marginTop="num" mimeType="string" name="string" openPassword="string" orientation="portrait|landscape" overwrite="true|false" ownerPassword="string" pageHeight="num" pageType="legal|letter|A4|A5|B5|custom" pageWidth="num" pdfA="true|false" permissions="AllowPrinting|AllowCopy|AllowScreenReaders|AllowModifyContents|AllowModifyAnnotations|AllowFillIn|AllowAssembly|AllowDegradedPrinting" permissionsPassword="string" proxyHost="string" proxyPassword="string" proxyPort="string" proxyUser="string" saveAsName="string" scale="num" src="string" srcFile="string" tagged="true|false" unit="in|cm" userAgent="string" userPassword="string">
-  **<CFDOCUMENTITEM** evalAtPrint="true|false" type="pagebreak|header|footer">
-  **<CFDOCUMENTSECTION** authPassword="string" authUser="string" marginBottom="num" marginLeft="num" marginRight="num" marginTop="num" mimeType="text/html|text/plain|application/xml|image/bmp|image/jpeg|image/png|image/gif" name="string" src="string" srcfile="string" userAgent="string">
-  **<CFDUMP** abort="true|false" expand="true|false" format="html|text" hide="string" keys="num" label="string" metaInfo="true|false" output="browser|console|filename" show="string" showUDFs="true|false" top="num" var="variablename">
-  **<CFELSE>**
-  **<CFELSEIF>**
-  **<CFERROR** exception="any|application|database|template|security|object|missinginclude|expression|lock|custom_type" mailto="string" template="string" type="exception|validation|request|monitor">


Tags


- 8** <**CFEXCHANGECALENDAR** action="create | delete | deleteAttachments | get | getAttachments | modify | respond" attachmentPath="string" connection="string" event="any" generateUniqueFileames="true | false" message="string" name="string" notify="true | false" responseType="accept | decline | tentative" result="string" uid="string">
- 8** <**CFEXCHANGECONNECTION** action="open | close | getsubfolders" connection="string" exchangeServerLanguage="string" folder="string" formBasedAuthentication="true | false" mailboxName="string" name="string" password="string" port="num" protocol="http | https" proxyHost="string" proxyPort="string" recurse="false | true" server="string" username="string">
- 8** <**CFEXCHANGECONTACT** action="create | delete | deleteAttachments | get | getAttachments | modify" attachmentPath="string" connection="string" contact="any" generateUniqueFileNames="true | false" name="string" result="string" uid="string">
- 10** <**CFEXCHANGECONVERSATION** action="get | setReadState | copy | move | delete" connection="string" deleteType="hardDelete | softDelete | **moveToDeletedItems**" desintationFolderID="string" folderID="string" isRead="true | false" name="string" UID="string">
- 8** <**CFEXCHANGEFILTER** from="any" name="allDayEvent | assistant | attributes | attributes | bcc | billingInfo | businesAddress | businessFax | businessPhoneNumber | cc | companies | company | dateCompleted | displayAs | dueDate | duration | email1 | email2 | email3 | endTime | firstName | folder | fromID | hasAttachment | homeAddress | homePhoneNumber | importance | isRead | isRecurring | jobTitle | lastName | location | mail_ID | mailingAddressType | manager | meetingUIDs | meeting_response | meetingUID | message | messageType | middleName | mileage | mobilePhoneNumber | name | nickName | office | optionalAttendees | organizer | otherAddress | otherPhoneNumber | profession | requiredAttendees | sensitivity | spouseName | startDate | startTime | status | subject | timeReceived | timeSent | toID | totalWork | UID | valid | webPage | lastModified | recurrenceID | maxRows" to="any" value="any">
- 10** <**CFEXCHANGEFOLDER** action="getInfo | getExtendedInfo | findSubFolders | create | copy | delete | move | modify | empty" connection="string" deleteType="hardDelete | softDelete | **moveToDeletedItems**" deleteSubFolders="true | false" desintationFolderID="string" folder="" folderID="string" folderPath="string" name="string" pathDelimiter="/" parentFolderID="string" result="query" sourceFolderID="string" UID="string">
- 8** <**CFEXCHANGEMAIL** action="get | getAttachments | getMeetingInfo | delete | deleteAttachments | move | set" attachmentPath="string" connection="string" destinationFolder="string" folder="string" generateUniqueFileNames="true | false" mailUID="string" meetingUID="string" message="any" name="string" UID="string">
- 8** <**CFEXCHANGETASK** action="create | delete | deleteAttachments | get | getAttachments | modify" attachmentPath="string" connection="string" name="string" result="string" results="string" task="any" uid="string">


Tags


-  **<CFEXECUTE** arguments="object" errorFile="string" errorVariable="string" name="string" outputFile="string" timeout="num" variable="string">
-  **<CFEXIT** method="exittag|exittemplate|loop">
-  **8** **<CFFEED** action="create|read" columnMap="any" enclosureDir="string" escapeChars="true|false" ignoreEnclosureError="true|false" name="string" outputFile="string" overwrite="true|false" overwriteEnclosure="bool" properties="string" proxyPassword="string" proxyPort="num" proxyServer="string" proxyUser="string" query="string" source="string" timeout="num" userAgent="string" xmlvar="string">
-  **<CFFILE** accept="string" action="append|copy|delete|move|read|readbinary|rename|upload|uploadall|write" addNewLine="true|false" attributes="readonly|hidden|normal|system|temporary" charset="utf-8|iso-8859-1|windows-1252|us-ascii|shift_jis|iso-2022-jp|euc-jp|euc-kr|big5|euc-cn|utf-16" destination="string" file="string" fileField="string" fixNewLine="true|false" mode="string" nameConflict="error|skip|overwrite|makeunique" output="string" result="variablename" source="string" strict="true|false" variable="string" [continueOnError="true|false](#) errors="cfile.uploadAllErrors">
-  **9** **<CFFILEUPLOAD** addButtonLabel="string" align="left|right|center|justify" bgcolor="string" clearButtonLabel="string" deleteButtonLabel="string" extensionFilter="string" height="string" hideUploadButton="true|false" maxFileSelect="string" maxUploadSize="num" name="string" onComplete="string" onError="string" onUploadComplete="string" progressBar="true|false" stopOnError="true|false" style="string" title="string" uploadButtonLabel="string" url="string" width="string" wmode="opaque|transparent|window">
-  **9** **<CFFINALLY>**
-  **<CFFLUSH** interval="num">
-  **7** **<CFFORM** accessible="true|false" action="string" archive="string" codebase="string" format="html|flash*|xml*" height="string" id="string" method="post|get" name="string" onError="string" onLoad="string" onReset="string" onSubmit="string" onSuccess="string" passthrough="string" preloader="true|false" preservedata="true|false" scriptSrc="string" skin="haloSilver|haloBlue|haloGreen|haloOrange|beige|blue|bluegray|lightgray|red|silver|none|default|basic|basiccss" style="string" target="string" timeout="num" width="string" wmode="window|transparent|opaque">
-  **7** **<CFFORMGROUP** enabled="true|false" height="num" id="string" label="string" maxRows="num" onChange="string" query="query" selectedIndex="num" startRow="num" style="string" tooltip="string" type="horizontal|vertical|fieldset|repeater|horizontal|vertical|hbox|vbox|hdividedbox|vdividedbox|panel|tile|accordion|tabnavigator|page" visible="true|false" width="num">
-  **7** **<CFFORMITEM** bind="string" enabled="true|false" height="num" style="string" tooltip="string" type="html|text|script|spacer|hrule|vrule" visible="true|false" width="num">

Tags


 **<CFFTP** action="open|close|chgedir|createdir|listdir|removedir|getfile|putfile|rename|remove|getcurrentdir|getcurrenturl|existsdir|existsfile|exists|quote|site|allo|acct" actionParam="string" ASCIIextensionList="string" attributes="string" bufferSize="num" connection="variablename" directory="string" existing="string" failIfExists="true|false" fingerprint="string" item="string" key="string" localfile="string" name="string" new="string" passive="true|false" passphrase="string" password="string" port="num" proxyServer="string" remoteFile="string" result="string" retryCount="num" secure="true|false" server="string" stopOnError="true|false" timeout="num" transferMode="auto|ascii|binary" username="string">


 **<CFFUNCTION** access="private|package|public|remote" description="string" displayName="string" hint="string" name="string" output="true|false" returnFormat="JSON|plain|WDDX" returnType="any|array|binary|bool|date|guid|num|query|string|struct|UUID|variablename|void|xml|(component name)" roles="string" secureJSON="true|false" verifyClient="true|false">


 **<CFGRID**
align="top|left|bottom|baseline|texttop|absbottom|middle|absmiddle|right" appendKey="true|false" autoWidth="true|false" bgColor="black|red|blue|magenta|cyan|orange|darkgray|pink|white|lightgray|yellow" bind="string" bindOnLoad="true|false" bold="true|false" colHeaderAlign="left|center|right" colHeaderBold="true|false" colHeaderFont="string" colHeaderFontSize="num" colHeaderItalic="true|false" colHeaders="true|false" colHeaderTextColor="black|red|blue|magenta|cyan|orange|darkgray|pink|white|lightgray|yellow" collapsible="bool" delete="true|false" deleteButton="string" enabled="true|false" font="arial|times|courier|arialunicodeMS" fontSize="num" format="applet*|flash|xml|html" gridDataAlign="left|center|right" gridLines="true|false" groupField="string" height="num" highlightHref="true|false" href="string" hrefKey="string" hSpace="num" insert="true|false" insertButton="string" italic="true|false" maxRows="num" name="string" notSupported="string" onBlur="string" onChange="string" onError="string" onFocus="string" onLoad="string" onValidate="string" pageSize="num" pictureBar="true|false" preservePageOnSort="true|false" query="query" rowHeaderAlign="left|center|right" rowHeaderBold="true|false" rowHeaderFont="string" rowHeaderFontSize="num" rowHeaderItalic="true|false" rowHeaders="true|false" rowHeaderTextColor="black|red|blue|magenta|cyan|orange|darkgray|pink|white|lightgray|yellow" rowHeight="num" selectColor="black|red|blue|magenta|cyan|orange|darkgray|pink|white|lightgray|yellow" selectMode="edit|single|row|column" browse" selectOnLoad="true|false" sort="true|false" sortAscendingButton="string" sortDescendingButton="string" stripeRowColor="string" stripeRows="true|false" style="string" target="string" textColor="black|red|blue|magenta|cyan|orange|darkgray|pink|white|lightgray|yellow" tooltip="string" visible="true|false" vSpace="num" width="num">

 **<CFGRIDROW** data="string" delimiter="string">


Tags


 **<CFGRIDCOLUMN** bgColor="black|red|blue|magenta|cyan|orange|darkgray|pink|white|lightgray|yellow" bold="true|false" dataAlign="left|right|center" display="true|false" font="arial|times|courier|arialunicodeMS" fontSize="num" header="string" headerAlign="left|right|center" headerBold="true|false" headerFont="string" headerFontSize="num" headerIcon="string" headerItalic="true|false" headerTextColor="black|red|blue|magenta|cyan|orange|darkgray|pink|white|lightgray|yellow" href="string" hrefKey="string" italic="true|false" mask="string" name="string" numberFormat="string" select="true|false" target="string" textColor="black|red|blue|magenta|cyan|orange|darkgray|pink|white|lightgray|yellow" type="string_noCase|bool|num|date|combobox|image" values="string" valuesDelimiter="," valuesDisplay="string" width="num">


 **<CFGRIDUPDATE** datasource="string" grid="string" keyOnly="true|false" password="string" tableName="string" tableOwner="string" tableQualifier="string" username="string">


 **<CFHEADER** charset="utf-8|iso-8859-1|windows-1252|us-ascii|shift_jis|iso-2022-jp|euc-jp|euc-kr|big5|euc-cn|utf-16" name="string" statusCode="num" statusText="string" value="string">

 **<CFHTMLHEAD** text="string">

 **<CFHTMLTOPDF** encryption="RC4_40|RC4_128|RC4_128M|AES_128|none" source="url|path" destination="path" marginBottom="num" marginLeft="num" marginRight="num" marginTop="num" name="string" orientation="portrait|landscape" overwrite="yes|no" ownerPassword="string" pageHeight="num" pageType="legal|letter|A4|A5|B4|B5|B4-JIS|B5-JIS|custom" pageWidth="num" permissions="AllowPrinting|AllowModifyContents|AllowCopy|AllowModifyAnnotations|AllowFillIn|AllowScreenReaders|AllowAssembly|AllowDegradedPrinting|AllowSecure|All|none" saveAsName="string" unit="in|cm" userPassword="string">

 **<CFHTMLTOPDFITEM** type=header|footer|pagebreak" isBase64="yes|no" showonprint="yes|no" align="left|_center_|right" marginleft="num" marginright="num" margintop="num" marginbottom="num" opacity="num" numberformat="lowercaseroman|numeric|uppercaseroman" image="url|path">

 **<CFHTTP** charset="utf-8|utf-16|iso-8859-1|windows-1252|shift_jis|euc-jp|euc-kr|big5|us-ascii|euc-cn" clientCert="string" columns="string" clientCertPassword="string" compression="string" delimiter="," file="string" firstRowAsHeaders="true|false" getAsBinary="auto|false|true" method="get|post|put|delete|head|trace|options" multipart="false|true" name="string" password="string" path="string" port="num" proxyPassword="string" proxyPort="num" proxyServer="string" proxyUser="string" redirect="true|false" resolveUrl="true|false" result="string" textQualifier="" throwOnError="true|false" timeout="num" url="url" userAgent="string" username="string">

 **<CFHTTPPARAM** encoded="true|false" file="string" mimeType="text/plain|text/html" name="string" type="header|body|xml|cgi|file|url|formfield|cookie" value="string">

 **<CFIF>**


Tags


- 8**  **<CFIMAGE** action="border|captcha|convert|info|read|resize|rotate|write|writeToBrowser" angle="num" color="string" destination="string" difficulty="high|medium|low" fonts="string" fontSize="num" format="png|jpg|jpeg" height="num" isBase64="true|false" name="string" overwrite="true|false" quality="num" source="any" structName="string" text="string" thickness="num" width="string">
- 9**  **<CFIMAP** action="createfolder|open|close|getall|markread|listallfolders|getheaderonly|deletefolder|delete|renamefolder|movemail" attachmentPath="string" connection="string" folder="string" generateUniqueFileNames="true|false" maxRows="num" messageNumber="string" name="string" newFolder="string" password="string" port="num" recurse="true|false" secure="true|false" server="string" startRow="num" stopOnError="true|false" timeout="num" uid="string" username="string">
- 11**  **<CFIMAPFILTER** name="Subject|From|To|Flag|TimeReceived|TimeSent" from="date" to="date" value="string|ANSWERED|FLAGGED|SEEN|UNANSWERED|UNDELETED|UNDRAFT|UNSEEN">
- 6**  **<CFIMPORT** path="string" prefix="string" taglib="string">
-  **<CFINCLUDE** template="string">
-  **<CFINDEX** action="update|delete|purge|refresh" body="string" category="string" categoryTree="string" collection="string" custom1="string" custom2="string" custom3="string" custom4="string" extensions="string" key="string" language="string" prefix="string" query="query" recurse="true|false" status="string" title="string" type="file|path|custom" urlpath="url">
-  **<CFINPUT** autoSuggest="string" autoSuggestBindDelay="num" autoSuggestMinLength="num" bind="string" bindAttribute="string" bindOnLoad="true|false" checked="true|false" class="string" dayNames="S|M|T|W|T|F|S" delimiter="string" disabled="true|false" enabled="true|false" firstDayOfWeek="0|1|2|3|4|5|6" height="num" id="string" label="string" mask="string" matchContains="true|false" maxLength="num" maxResultsDisplayed="num" message="string" monthNames="January|February|March|April|May|June|July|August|September|October|November|December" name="string" onBindError="string" onChange="string" onClick="string" onError="string" onKeyDown="string" onKeyUp="string" onMouseDown="string" onMouseUp="string" onValidate="string" passthrough="string" pattern="regex" range="string" required="true|false" showAutoSuggestLoadingIcon="true|false" size="num" sourceForTooltip="string" src="string" style="string" tooltip="string" type="button|checkbox|file|hidden|image|password|radio|reset|submit|text|datefield|autosuggest" typeAhead="true|false" validate="date|eurodate|time|float|integer|telephone|zipcode|creditcard|social_security_number|regular_expression" validateAt="onSubmit|onServer|onBlur" value="string" visible="true|false" width="num">
-  **<CFINSERT** datasource="string" dbname="string" dbserver="string" dbType="string" formFields="string" password="string" provider="string" providerDSN="string" tableName="string" tableOwner="string" tableQualifier="string" username="string">

Tags


- 8**  `<CFINTERFACE displayName="string" extends="string" hint="string">`
- 6**  `<CFINVOKE argumentCollection="string" component="string" method="string" password="string" proxyPassword="string" proxyPort="num" proxyServer="string" proxyUser="string" refreshWSDL="true|false" returnVariable="variablename" servicePort="string" timeout="num" username="string" webservice="url" wsdl2javaargs="string">`
- 6**  `<CFINVOKEARGUMENT name="string" omit="true|false" value="string">`
- 8**  `<CFLAYOUT activeOnTop="true|false" align="center|justify|left|right" buttonStyle="string" fillHeight="true|false" fitToWindow="true|false" height="num" name="string" padding="string" style="string" tabHeight="num" tabPosition="top|bottom" titleCollapse="true|false" type="accordion|border|hbox|tab|vbox" width="num">`
- 8**  `<CFLAYOUTAREA align="center|justify|left|right" bindOnLoad="true|false" closable="true|false" collapsible="true|false" disabled="true|false" initCollapsed="true|false" initHide="true|false" maxSize="num" minSize="num" name="string" onBindError="string" overflow="auto|hidden|scroll|visible" position="bottom|center|left|right|top" refreshOnActivate="true|false" selected="true|false" size="num" source="string" splitter="true|false" style="string" tabtip="string" title="string" titleIcon="string">`
- 8**  `<CFLDAP action="query|add|modify|modifyDN|delete" attributes="string" delimiter="," dn="string" filter="string" maxRows="num" modifyType="add|delete|replace" name="string" password="string" port="num" rebind="true|false" referral="num" returnAsBinary="string" scope="onelevel|base|subtree" secure="CFSSL_BASIC" separator="," server="string" sort="string" sortControl="nocase|asc|desc|nocase,desc|nocase,asc" start="num" startRow="num" timeout="num" username="string" clientcert="path" clientcertpassword="string" useTls="true|false">`
- 8**  `<CFLOCATION addRoken="true|false" statusCode="num" url="string">`
- 8**  `<CFLOCK name="string" scope="Application|Request|Server|Session" throwOnTimeout="true|false" timeout="num" type="readonly|exclusive">`
- 8**  `<CFLOG application="true|false" file="string" log="Application|Scheduler" text="string" type="information|warning|error|fatal">`
- 6**  `<CFLOGIN applicationToken="string" cookieDomain="string" idleTimeout="num" allowConcurrent="true|false">`
- 6**  `<CFLOGINUSER name="string" password="string" roles="string">`
- 6**  `<CFLOGOUT session="all|current|others">`
- 8**  `<CFLOOP array="anyvalue" characters="num" collection="object" condition="string" delimiters="string" endRow="num" file="string" from="num" index="string" item="string" list="string" query="query" startRow="num" step="num" to="num">`


Tags

 <**CFMAIL** bcc="string" cc="string" charset="utf-8|iso-8859-1|windows-1252|us-ascii|shift_jis|iso-2022-jp|euc-jp|euc-kr|big5|euc-cn|utf-16" debug="true|false" failTo="string" from="string" group="string" groupCaseSensitive="true|false" keyAlias="string" keyPassword="string" keyStore="string" keyStorePassword="string" mailerId="string" maxRows="num" mimeAttach="string" password="string" port="num" priority="highest|urgent|normal|low|lowest" query="query" remove="bool" replyTo="string" server="string" sign="bool" spoolEnable="true|false" startRow="num" subject="string" timeout="num" to="string" type="plain|html|text|text/html|text/plain" username="string" useSSL="true|false" useRLS="true|false" wrapText="num" encrypt="true|false" recipientcert="path" encryptionAlgorithm="DES_EDE3_CBC|RC2_CBC|AES128_CBC|AES192_CBC|AES256_CBC">


 **6** <**CFMAILPART** charset="utf-8|iso-8859-1|windows-1252|us-ascii|shift_jis|iso-2022-jp|euc-jp|euc-kr|big5|euc-cn|utf-16" type="text/plain|text/html" wrapText="num">


 <**CFMAILPARAM** content="string" contentID="string" disposition="attachment|inline" file="string" name="Message-Context|Apparently-To|Approved-By|Fax|Telefax|For-Approval|For-Comment|For-Handling|Mail-System-Version|Mailer|Originating-Client|X-Mailer|X-Newsreader|X-MimeOLE|User-Agent|Originator-Info|Phone|X-Envelope-From|Envelope-To|X-Envelope-To|X-Face|X-RCPT-TO|X-Sender|X-X-Sender|Posted-To|X-Admin|Errors-To|Return-Receipt-To|Read-Receipt-To|X-Confirm-reading-to|Return-Receipt-Requested|Register-Mail-Reply-Requested-By|Abuse-Reports-To|X-Complaints-To|X-Report-Abuse-To|Content-Alias|Delivered-To|X-Loop|Translated-By|Translation-Of|X-UIDL|X-URI|X-URL|X-IMAP|X-OriginalArrivalTime|Precedence|X-MSMail-Priority|X-Priority|Content-Length|Content-Conversion|Content-Class|Content-SGML-Entity|X-MIME-Autoconverted|List-Digest|Mailing-List|X-Mailing-List|List-Software|List-URL|X-Listserver|X-List-Host|Fcc|Speech-Act|Status|X-No-Archive" remove="bool" type="text/plain|text/html|html|plain|text" value="string">


 **9** <**CFMAP** centerAddress="string" centerLatitude="num" centerLongitude="num" collapsible="true|false" continuousZoom="true|false" doubleClickZoom="true|false" height="string" hideBorder="true|false" key="string" markerBind="string" markerColor="string" markerIcon="string" markerWindowContent="string" name="string" onError="string" onLoad="string" overview="true|false" scrollwheelZoom="true|false" showCenterMarker="true|false" showMarkerWindow="true|false" showScale="true|false" tip="true|false" title="string" type="map|satellite|hybrid|earth|terrain" typeControl="none|basic|advanced" width="string" zoomControl="none|small|large|small3D|large3D" zoomLevel="num">


 **9** <**CFMAPITEM** address="string" latitude="string" longitude="string" markerColor="string" markerIcon="string" markerWindowContent="string" name="string" showMarkerWindow="true|false" tip="string">

Tags


9  **<CFMEDIAPLAYER** align="left|right|center" autoPlay="true|false" bgColor="string" controlBar="true|false" fullscreenControl="true|false" height="string" hideBorder="true|false" hideTitle="true|false" name="string" onComplete="string" onLoad="string" onStart="string" quality="high|medium|low" source="string" style="string" width="string" wmode="opaque|transparent|window">


8  **<CFMENU** bgColor="string" childStyle="string" font="string" fontColor="string" fontSize="string" menuStyle="string" name="string" selectedFontColor="string" selectedItemColor="string" type="horizontal|vertical" width="string">


8  **<CFMENUITEM** childStyle="string" display="string" divider="true|false" href="string" image="string" menuStyle="string" name="string" style="string" target="string">

9  **<CFMESSAGEBOX** bodyStyle="string" buttonType="yesno|yesnocancel" callbackHandler="string" icon="string" labelCancel="string" labelNo="string" labelOk="string" labelYes="string" message="string" modal="true|false" multiline="true|false" name="string" title="string" type="alert|confirm|prompt" width="num" x="num" y="num" username="string">


 **<CFMODULE** attributeCollection="struct" name="string" template="string">


7  **<CFNTAUTHENTICATE** domain="string" listGroups="true|false" password="string" result="variablename" throwOnError="true|false" username="string">

11  **<CFOAUTH** type="facebook|google" clientid="string" scope="string" state="string" authendpoint="string" secretkey="string" accesstokenendpoint="string" result="string" redirecturi="string" urlparams="string">


 **<CFOBJECT** action="create|connect" assembly="string" class="string" component="string" context="inproc|local|remote|ior|nameservice" locale="string" name="string" password="string" port="num" protocol="tcp|http" proxyPassword="string" proxyPort="string" proxyServer="string" proxyUser="string" refreshWSDL="true|false" secure="true|false" server="string" type="com|component|corba|java|dotnet|webservice" username="string" webservice="url" wsdl2javaargs="string" wsPortname="string">

5  **<CFOBJECTCACHE** action="clear">

 **<CFOUTPUT** group="string" groupCaseSensitive="true|false" maxRows="num" query="query" startRow="num">


 **<CFPARAM** default="object" max="num" min="num" name="string" pattern="string" type="any|array|binary|bool|creditcard|date|time|email|eurodate|float|num|guid|integer|query|range|regex|regular_expression|ssn|social_security_number|string|struct|telephone|url|uuid|usdate|variablename|xml|zipcode">

Tags

8  `<CFPDF action="addwatermark|deletepages|getinfo|merge|protect|processddx|read|removewatermark|setinfo|thumbnail|write|extracttext|extractimage|addheader|addfooter|removeheaderfooter|optimize|transform" addQuads="true|false" algo="bicubic|bilinear|nearest_neighbour" align="right|left|center" ascending="yes|no" bottomMargin="num" compressTIFFs="true|false" copyFrom="string" ddxFile="string" destination="string" directory="string" encodeAll="true|false" encrypt="RC4_40|RC4_128|RC4_128M|AES_128|none" flatten="true|false" foreground="true|false" format="jpg|tiff|png" hires="true|false" honourspaces="true|false" hScale="num" image="string" imagePrefix="string" info="string" inputFiles="struct" isBase64="true|false" jpgDPI="num" keepBookmark="true|false" leftMargin="num" maxBreadth="num" maxLength="num" maxScale="num" name="string" newOwnerPassword="string" newUserPassword="string" noAttachments="true|false" noBookmarks="true|false" noFonts="true|false" noComments="true|false" noJavaScripts="true|false" noLinks="true|false" noMetadata="true|false" noThumbnails="true|false" numberFormat="num|lowercaseroman|uppercaseroman" opacity="string" order="name|time" outputFiles="struct" overridePage="true|false" overwrite="true|false" package="true|false" pages="string" password="string" permissions="all|allowassembly|allowcopy|AllowDegradedPrinting|AllowFillIn|AllowModifyAnnotations|AllowModifyContents|AllowPrinting|AllowScreenReaders|AllowSecure|none" position="string" resolution="string" rightMargin="num" rotation="num" saveoption="full|incremental|linear" scale="num" showonprint="true|false" source="string" stoponerror="true|false" topMargin="num" transparent="true|false" type="string|xml" useStructure="true|false" version="1.1|1.2|1.3|1.4|1.5|1.6" vScale="num" keystore="pathname" keystorepassword="string" signaturefieldname="string" unsignal="true|false" height="num" width="num" author="true|false">`


8 `<CFPDFFORM action="populate|read" datafile="string" destination="string" fdf="true|false" fdfData="string" name="string" overwrite="true|false" overwrittenata="true|false" result="any" source="string" xmldata="populate|read">`

8 `<CFPDFFORMPARAM index="num" name="string" value="string">`

8  `<CFPDFPARAM pages="string" password="string" source="string">`

8 `<CFPDFSUBFORM index="num" name="string">`


8 `<CFPOD bodyStyle="string" headerStyle="string" height="num" name="string" onBindError="string" overflow="auto|hidden|scroll|visible" source="string" title="string" width="num">`


 `<CFPOP action="getHeaderOnly|getAll|delete" attachmentPath="string" generateUniqueFileNames="true|false" maxRows="num" messageNumber="num" name="string" password="string" port="num" server="string" startrow="num" timeout="num" uid="string" username="string">`


Tags


- 8** `<CFPRESENTATION* authPassword="string" authUser="string" autoPlay="true|false" backgroundColor="string" control="normal|brief" controlLocation="right|left" destination="string" directory="string" format="html|ppt" glowColor="string" initialTab="outline|search|notes" lightColor="string" loop="false|true" overwrite="true|false" primaryColor="string" proxyHost="string" proxyPassword="string" proxyPort="string" proxyUser="string" shadowColor="string" showNotes="true|false" showOutline="true|false" showSearch="true|false" textColor="string" title="string" useragent="string">`
- 8** `<CFPRESENTATIONSLIDE* advance="auto|never|click" audio="string" authPassword="string" authUser="string" bottomMargin="num" duration="num" marginBottom="num" marginLeft="num" marginRight="num" marginTop="num" notes="string" presenter="string" rightMargin="num" scale="num" slides="string" src="string" title="string" topMargin="num" useExternalProgram="true|false" useragent="string" video="string">`
- 8** `<CFPRESENTER* biography="string" email="string" image="string" logo="string" name="string" title="string">`
- 8** `<CFPRINT attributeStruct="string" color="true|false" copies="string" coverPage="true|false" fidelity="true|false" jobName="string" orientation="portrait|landscape|reverse-portrait|reverse-landscape" pages="string" paper="na-letter|na-legal|iso-a4|iso-a5|iso-b4|iso-b5|jis-b4|jis-b5" paperSize="letter|legal|a4|a5|b4|b5|b4-jis|b5-jis" password="string" printer="string" quality="normal|draft|high" sides="duplex|one-sided|tumble|two-sided-long-edge|two-sided-short-edge" source="string" type="pdf">`
- CFPROCESSINGDIRECTIVE** `pageEncoding="utf-8|iso-8859-1|windows-1252|us-ascii|shift_jis|iso-2022-jp|euc-jp|euc-kr|big5|euc-cn|utf-16" suppressWhitespace="true|false">>`
- CFPROCPARAM** `cfSQLType="cf_sql_bigint|cf_sql_bit|cf_sql_char|cf_sql_blob|cf_sql_clob|cf_sql_date|cf_sql_decimal|cf_sql_double|cf_sql_float|cf_sql_idstamp|cf_sql_integer|cf_sql_longvarchar|cf_sql_money|cf_sql_money4|cf_sql_numeric|cf_sql_real|cf_sql_refcursor|cf_sql_smallint|cf_sql_time|cf_sql_timestamp|cf_sql_tinyint|cf_sql_varchar" maxLength="num" null="true|false" scale="num" type="in|out|inout" value="string" variable="string">`
- CFPROCRESULT** `maxRows="num" name="string" resultSet="num">`
- 9** `<CFPROGRESSBAR autoDisplay="true|false" bind="string" duration="string" height="string" interval="string" name="string" onComplete="string" onError="string" style="bgcolor|progresscolor|textcolor" width="string">`

Tags





 **<CFPROPERTY** cacheUse="read-only|nonstrict-read-write|read-write|transactional" cascade="all|none|save-update|delete|all-delete-orphan|delete-orphan|create|merge|lock|refresh|evict|replicate" cfc="string" column="string" constrained="true|false" dbDefault="string" default="string" displayName="string" elementColumn="string" elementType="string|character|char|short|integer|int|long|big_decimal|float|double|bool|yes_no|true_false|text|date|timestamp|binary|serializable|blob|clob" fetch="join|select" fieldType="id|column|one-to-one|one-to-many|many-to-many|many-to-one|collection|timestamp|version" fkColumn="string" formula="string" generated="never|insert|always" generator="increment|identity|sequence|seqhilo|uuid|guid|native|assigned|select|foreign|sequence-identity" getter="true|false" hint="string" index="string" insert="true|false" inverse="true|false" inverseJoinColumn="string" joinColumn="string" lazy="true|false|extra" length="string" linkCatalog="string" linkSchema="string" linkTable="string" mappedBy="string" missingRowIgnored="true|false" name="string" notNull="true|false" optimisticLock="true|false" orderBy="string" ormType="string|character|char|short|integer|int|long|big_decimal|float|double|bool|yes_no|true_false|text|date|timestamp|binary|serializable|blob|clob" params="string" persistent="true|false" precision="string" remotngFetch="false|true" required="true|false" scale="string" selectkey="string" sequence="string" serializable="true|false" setter="true|false" singularname="string" source="vm|db" sqlType="string" structkeycolumn="string" structkeytype="string|character|char|short|integer|int|long|big_decimal|float|double|bool|yes_no|true_false|text|date|timestamp|binary|serializable|blob|clob" table="string" type="any|array|binary|bool|date|guid|num|query|string|struct|uuid|variablename" unique="true|false" uniqueKey="string" unSavedValue="string" update="true|false" validate="string|bool|integer|num|date|time|creditcard|email|eurodate|ssn|telephone|UUID|guid|zipcode" validateParams="string" where="string">

 **<CFQUERY** blockFactor="num" cachedAfter="datetime" cachedWithin="timespan" datasource="string" dbType="string" debug="true|false" maxRows="num" name="string" password="string" result="string" timeout="num" username="string">


 **<CFQUERYPARAM** cfSQLType="cf_sql_bigint|cf_sql_bit|cf_sql_char|cf_sql_blob|cf_sql_clob|cf_sql_date|cf_sql_decimal|cf_sql_double|cf_sql_float|cf_sql_idstamp|cf_sql_integer|cf_sql_longvarchar|cf_sql_money|cf_sql_money4|cf_sql_num|cf_sql_real|cf_sql_refcursor|cf_sql_smallint|cf_sql_time|cf_sql_timestamp|cf_sql_tinyint|cf_sql_varchar" list="true|false" maxLength="num" null="true|false" scale="num" separator="," value="string">


 **<CFREGISTRY** action="getAll|get|set|delete" branch="string" directory="string" entry="string" mode="string" name="string" newDirectory="string" recurse="true|false" registryVersion="string" sort="entry asc|entry desc|type asc|type desc|value asc|value desc" type="String|dWord|key|Any" value="string" variable="string">

Tags


-  **<CFREPORT** datasource="string" encryption="128-bit|40-bit|**none**" fileName="string" format="PDF|FlashPaper|Excel|RTF|HTML|XML" formula="string" name="string" orderBy="string" overwrite="true|**false**" ownerPassword="string" password="string" permissions="AllowPrinting|AllowCopy|AllowScreenReaders|AllowModifyContents|AllowAssembly|AllowModifyAnnotations|AllowFillIn|AllowDegradedPrinting|" query="string" report="string" resourceTimespan="variablename" style="string" template="string" timeout="num" type="standard|netscape|microsoft" userName="string" userPassword="string">
-  **<CFREPORTPARAM** chart="string" name="string" query="query" series="num" style="string" subreport="string" value="string">
-  **<CFRETHROW>**
-  **6** **<CFRETURN>**
-  **<CFSAVECONTENT** variable="string">
-  **<CFSCHEDULE** action="delete|update|run|pause|resume" endDate="string" endTime="num" file="string" interval="once|daily|weekly|monthly" operation="string" password="string" path="string" port="num" proxyPassword="string" proxyPort="num" proxyServer="string" proxyUser="string" publish="true|**false**" requestTimeout="num" resolveUrl="true|**false**" startDate="string" startTime="string" task="string" url="url" userName="string">
-  **<CFSCRIPT>**
-  **<CFSEARCH** category="string" categoryTree="string" collection="string" contextBytes="num" contextHighlightBegin="" contextHighlightEnd="" contextPassages="num" criteria="string" language*="string" maxRows="num" name="string" previousCriteria="string" startRow="num" status="string" suggestions="always|**never**|5|10" type="simple|explicit|internet|internet_basic|natural|standard|dismax" **orderBy="string">**
-  **<CFSELECT** bind="string" bindAttribute="string" bindOnLoad="true|**false**" display="string" editable="true|**false**" enabled="true|**false**" group="string" height="num" id="string" label="string" message="string" multiple="true|**false**" name="string" onBindError="string" onChange="string" onClick="string" onError="string" onKeyDown="string" onKeyUp="string" onMouseDown="string" onMouseUp="string" passthrough*="string" query="string" queryPosition="above|below" required="true|**false**" selected="string" size="num" sourceForTooltip="string" style="string" tooltip="string" value="string" visible="true|**false**" width="num">
-  **<CFSET>**
-  **<CFSETTING** enablecfoutputonly="true|false" requesttimeout="num" showdebugoutput="true|false">


Tags


11  `<CF_SOCIALPLUGIN type="like|likebox|activityfeed|follow|plusone|commentbox|subscribe|tweet" appId="facebookAppId" url="" layout="standard|box_count|button_count" tweettext="string" hashtag="string" via="" recommend="" linktarget="" recommendations="" buttonsizes="small|medium|large" showfaces="true|false" showstream="true|false" showheader="true|false" showcount="true|false" language="en|de|..." numberofposts="" annotation="none|inline|bubble" showusername="true|false" username="string" verb="like|recommend" colorscheme="light|dark" style="string" height="num" width="num" extraoptions="">`


9  `<CFSHAREPOINT action="cancreatedwsurl|createdws|createdwsfolder|deletedws|deletedwsfolder|finddwsdoc|getdwsdata|removedwsuser|renamedws|updatedwsdata|delete|download|getimaginglistitems|getitemsbyids|listpicturelibrary|rename|upload|addattachment|addlist|deleteattachment|deletelist|getattachmentcollection|getlist|getlistcollection|getlistitems|updatelist|updatelistitems|query|queryex|registration|status|addgrouptorole|addrole|addusercollectiontogroup|addusercollectiontorole|addusertogroup|getgroupcollection|getrolecollection|getusercollectionfromrole|getusercollectionfromrole|getuserinfo|removerole|removeusercollectionfromgroup|removeuserfromgroup|addview|deleteview|getview|getviewcollection|updateview" domain="string" login="struct" name="string" params="struct" password="string" username="string" wsdl="string">`

 `<CFSILENT>`

 `<CFSLIDER align="top|left|bottom|baseline|texttop|absbottom|middle|absmiddle|right" bgcolor="black|red|blue|magenta|cyan|orange|darkgray|pink|gray|white|lightgray|yellow" bold="true|false" clickToChange="true|false" font="arial|times|courier|arialunicodeMS" fontSize="num" format="html|applet" height="num" hSpace="num" increment="string" italic="true|false" label="string" lookAndFeel="motif|windows|metal" max="num" message="string" min="num" name="string" notSupported="string" onChange="string" onDrag="string" onError="string" onValidate="string" range="string" scale="num" textColor="black|red|blue|magenta|cyan|orange|darkgray|pink|gray|white|lightgray|yellow" tip="true|false" value="string" vertical="true|false" vSpace="num" width="num">`

9  `<CFSPREADSHEET action="write|update|read" columnNames="string" columns="string" fileName="string" format="html|csv" headerRow="num" name="string" overwrite="true|false" password="string" query="string" rows="string" sheet="num" sheetname="string" src="string" autosize="true|false">`

8  `<CFSPRYDATASET* bind="string" name="string" onBindError="string" options="string" type="xml|json" xpath="string">`

 `<CFSTOREDPROC blockfactor="num" cacheAfter="date" cacheWithin="timespan" clientInfo="variablename" datasource="string" debug="true|false" fetchClientInfo="true|false" password="string" procedure="string" result="variablename" returnCode="true|false" timeout="seconds" username="string">`


 `<CFSWITCH expression="string">`


Tags


-  **<CFTABLE** border="any" colHeaders="any" colSpacing="num" headerLines="num" htmlTable="any" maxRows="num" query="query" startRow="num">
-  **<CFTEXTAREA** basePath="string" bind="string" bindAttribute="string" bindOnLoad="true|false" disabled="true|false" enabled="true|false" fontFormats="string" fontNames="string" fontSizes="string" height="num" html="true|false" label="string" maxLength="num" message="string" name="string" onBindError="string" onChange="string" onClick="string" onError="string" onKeyDown="string" onKeyUp="string" onMouseDown="string" onMouseUp="string" onValidate="string" pattern="string" range="string" required="true|false" richText="true|false" secureUpload="true|false" skin="default|silver|office2003" sourceForTooltip="string" style="string" stylesXML="string" templatesXML="string" toolbar="string" toolbarOnFocus="bool" tooltip="string" validate="string" validateAt="onSubmit|onServer|onBlur" value="string" visible="true|false" width="num" wrap="hard|off|physical|virtual|soft">
-  **<CFTHREAD** action="join|run|sleep|terminate" duration="string" name="string" priority="high|low|normal" timeout="num">
-  **<CFTHROW** detail="string" errorCode="string" extendedInfo="string" message="string" object="object" type="Custom|Application|Database|Template|Security|Object|MissingInclude|Expression|Lock|SearchEngine">
-  **<CFTIMER** label="string" type="inline|outline|comment|debug">
-  **<CFTOOLTIP** autoDismissDelay="string" hideDelay="string" preventOverlap="true|false" showDelay="string" sourceForTooltip="string" style="string" tooltip="string">
-  **<CFTRACE** abort="true|false" category="string" inline="true|false" text="string" type="information|warning|error|fatal information" var="string">
-  **<CFTRANSACTION** action="begin|commit|rollback|setsavepoint" isolation="read_uncommitted|read_committed|repeatable_read|serializable" nested="true|false" savepoint="string">
-  **<CFTREE** align="top|left|bottom|baseline|texttop|absbottom|middle|absmiddle|right" appendKey="true|false" bold="true|false" border="true|false" cache="true|false" completePath="true|false" delimiter="\ enabled="true|false" font="arial|times|courier|arialunicodeMS" fontSize="num" format="applet*|flash*|html|object|xml" height="num" highlightHref="true|false" hScroll="true|false" hSpace="num" italic="true|false" lookAndFeel="motif|windows|metal" message="string" name="string" notSupported="string" onBlur="string" onChange="string" onError="string" onFocus="string" onValidate="string" required="true|false" style="string" tooltip="string" visible="true|false" vScroll="true|false" vSpace="num" width="num">
-  **<CFTREEITEM** bind="string" display="string" expand="true|false" href="string" img="cd|computer|document|element|folder|floppy|fixed|remote" imgOpen="string" onBindError="string" parent="string" query="string" queryAsRoot="string" target="string" value="string">


Tags

 **<CFTRY>**



 **<CFUPDATE** datasource="string" formFields="string" password="string" tableName="string" tableOwner="string" tableQualifier="string" username="string">



 **<CFWDDX** action="cfml2wddx|wddx2cfml|cfml2js|wddx2js" input="string" output="variablename" topLevelVariable="string" useTimeZoneInfo="true|false" validate="true|false">

10  **<CFWEBSOCKET** name="string" onMessage="string" onOpen="string" onClose="string" onError="string" useCfAuth="true|false" subscribeTo="string" [secure="true|false"](#)>

8  **<CFWINDOW** bodyStyle="string" center="true|false" closable="true|false" destroyOnClose="true|false" draggable="true|false" headerStyle="string" height="num" initShow="true|false" minHeight="num" minWidth="num" modal="true|false" name="string" onBindError="string" overflow="auto|hidden|scroll|visible" refreshOnShow="true|false" resizable="true|false" source="string" title="string" width="num" x="num" y="num">







 **6**  **<CFXML** caseSensitive="true|false" variable="string">

 **8**  **<CFZIP** action="delete|list|read|readBinary|unzip|zip" charset="JIS|RFC1345|UTF-16" destination="string" entryPath="string" file="string" filter="string" name="string" overwrite="true|false" prefix="string" recurse="true|false" showDirectory="true|false" source="string" storePath="true|false" variable="string" [password="string"](#) [encryptionAlgorithm="standard|AES-128|AES-256"](#)>

 **8**  **<CFZIPPARAM** charset="JIS|RFC1345|UTF-16" content="string" entryPath="string" filter="string" prefix="string" recurse="true|false" source="string" [password="string"](#) [encryptionAlgorithm="standard|AES-128|AES-256"](#)>

Functions

AJAX



































- 8  `ajaxLink(url)`
- 8  `ajaxOnLoad(functionname)`
- 8  `deserializeJSON(jsonvar, strictmapping="bool", usecustomserializer="bool")`
- 8  `queryConvertForGrid(query, page, pageSize)`
- 8  `serializeJSON(var, serializeQueryByColumns="bool", usecustomserializer="bool")`
- 8  `verifyClient()`

ARRAY

-  `arrayAppend(array, value="any")`
-  `arrayAvg(array)`
-  `arrayClear(array)`
- 9  `arrayContains(array, object="any")`
- 9  `arrayDelete(array, object="any")`
-  `arrayDeleteAt(array, position)`
- 10  `arrayEach(array, function(any currentObj {}))`
- 10  `arrayFilter(array, function(arrayElement) {return true|false;})`
- 10  `arrayFindAll(array, function(currentObj) {return true|false;})`
- 10  `arrayFindAllNoCase(array, function(currentObj) {return true|false;})`
- 9  `arrayFind(array, object)`
- 9  `arrayFindNoCase(array, object)`
-  `arrayInsertAt(array, position, value="any")`
- 8  `arrayIsDefined(array="string", elementIndex)`
-  `arrayIsEmpty(array)`
-  `arrayLen(array)`
- 11  `arrayMap(array, function(item, index, array))`
-  `arrayMax(array)`
-  `arrayMin(array)`
-  `arrayNew(dimension)`
-  `arrayPrepend(array, value="object")`
- 11  `arrayReduce(array, function(result, item, index, array), initialValue)`
-  `arrayResize(array, size)`
-  `arraySet(array, startPos, endPos, value="object")`
- 10  `arraySlice(array, offset, length)`
-  `arraySort(array, sortType="num|text|textnocase", sortOrder="asc|desc")`
-  `arraySum(array)`
-  `arraySwap(array, position1, position2)`
-  `arrayToList(array, delimiter=",")`
-  `isArray(value="object", number)`

Functions

CACHE

-     `cacheGet(id="string")`
-    `cacheGetAllIds()`
-    `cacheGetMetadata(id="string")`
-    `cacheIdExists(id="string", region="string")`
-    `cachePut(id="string", value="string", timespan, idleTime="timespan")`
-    `cacheRegionExists(region="string")`
-    `cacheRegionNew(region="string", properties="struct", throwOnError="bool")`
-    `cacheRegionRemove(region="string")`
-    `cacheRemove(ids="string", throwOnError="bool", key="string", exact="bool")`
-    `cacheRemoveAll(region="string")`
-    `cacheSetProperties(propertyStruct)`

CONVERSION

-     `binaryDecode(string, binaryencoding="hex|uu|base64")`
-     `binaryEncode(binarydata, encoding="hex|uu|base64")`
-     `charsetDecode(string, encoding="utf-8|iso-8859-1|windows-1252|us-ascii|shift_jis|iso-2022-jp|euc-jp|euc-kr|big5|euc-cn|utf-16")`
-     `charsetEncode(binaryobject="binary", encoding="utf-8|iso-8859-1|windows-1252|us-ascii|shift_jis|iso-2022-jp|euc-jp|euc-kr|big5|euc-cn|utf-16")`
-   `deserialize(string, type, useCustomSerialize="true|false")`
-     `javacast(type="bool|double|float|int|long|string", variable="string")`
-     `jsStringFormat(string)`
-   `serialize(string, type, useCustomSerialize="true|false")`
-     `toBase64(stringOrObject, encoding="utf-8|iso-8859-1|windows-1252|us-ascii|shift_jis|iso-2022-jp|euc-jp|euc-kr|big5|euc-cn|utf-16")`
-     `toBinary(base64OrObject)`
-     `toScript(cfvar, javascriptvar="string", outputFormat="true|false", ASformat="true|false")`
-     `toString(anyValue, encoding="utf-8|iso-8859-1|windows-1252|us-ascii|shift_jis|iso-2022-jp|euc-jp|euc-kr|big5|euc-cn|utf-16")`
-     `urlDecode(urlEncodedString="string", charset="utf-8|iso-8859-1|windows-1252|us-ascii|shift_jis|iso-2022-jp|euc-jp|euc-kr|big5|euc-cn|utf-16")`
-     `urlEncodedFormat(string, charset="utf-8|iso-8859-1|windows-1252|us-ascii|shift_jis|iso-2022-jp|euc-jp|euc-kr|big5|euc-cn|utf-16")`
























Functions

DATE/TIME




-  `createDate`(year, month, day)
-  `createDateTime`(year, month, day, hour, minute, second)
-  `createODBCDate`(date)
-  `createODBCDateTime`(date)
-  `createODBCTime`(date)
-  `createTime`(hour, minute, second)
-  `createTimespan`(days, hours, minutes, seconds)
-  `dateAdd`(datepart="yyyy|q|m|y|d|w|ww|h|n|s|l", number, date)
-  `dateCompare`(date1, date2, datePart="yyyy|q|m|y|d|w|ww|h|n|s|l")
-  `dateConvert`(type="local2Utc|utc2Local", date)
-  `dateDiff`(datepart="yyyy|q|m|y|d|w|ww|h|n|s|l", date1, date2)
-  `dateFormat`(date, mask="short|medium|long|full|custom)
-  `datePart`(datepart="yyyy|q|m|y|d|w|ww|h|n|s|l", date)
-  `dateTimeFormat`(date, mask, timeZone)
-  `day`(date)
-  `dayOfWeek`(date)
-  `dayOfWeekAsString`(dayOfWeek)
-  `dayOfYear`(date)
-  `daysInMonth`(date)
-  `daysInYear`(date)
-  `firstDayOfMonth`(date)
-  `getHTTPTimeString`(dateTime)
-  `getTimezoneInfo`(text="string")
-  `hour`(date)
-  `isDate`(Object)
-  `isLeapYear`(year="num")
-  `isNumericDate`(number="num")
-  `IsDateFormat`(date, mask="short|medium|long|full")
-  `IsDateTimeFormat`(date, mask, timeZone)
-  `IsIsDate`(String)
-  `IsParseDateTime`(dateTimeString)
-  `IsTimeFormat`(time, mask="short|medium|long")
-  `minute`(date)
-  `month`(date)
-  `monthAsString`(monthNumber, locale="string")
-  `now`()
-  `parseDateTime`(dateTimeString, popConversion="standard|pop")
-  `quarter`(date)
-  `second`(date)
-  `timeFormat`(time, mask="short|medium|long|full")
-  `week`(date)
-  `year`(date)

Functions

DECISION













-  **iif**(condition, expression1, expression2)
-  **isArray**(value, *number*="num")
-  **isBinary**(value)
-  **isBoolean**(value)
-  **isCustomFunction**(value)
-  10 **isClosure**(closureName)
-  **isDate**(value)
-  8 **isDDX**(filePathOrString)
-  **isDebugMode**()
-  **isDefined**(variableName)
-  8 **isImage**(value)
-  8 **isImageFile**(filePath)
-  8 **isInstanceOf**(object, typeName)
-  9 **isIPv6**(ipAddressString)
-  8 **isJSON**(string)
-  **isLeapYear**(year)
-  7 **isLocalhost**(ipAddressString)
-  **isLsDate**(string)
-  **isLsNumeric**(string)
-  9 **isNull**(value)
-  **isNumeric**(string)
-  **isNumericDate**(number)
-  6 **isObject**(value)
-  8 **isPDFFile**(filePath)
-  8 **isPDFObject**(value)
-  **isQuery**(value)
-  11 **isSafeHTML**(string, policyFile=path, throwOnError=true)
-  **isSimpleValue**(value)
-  7 **isSOAPRequest**()
-  9 **isSpreadsheetFile**(filePath)
-  9 **isSpreadsheetObject**(value)
-  **isStruct**(value)
-  8 **isUserInAnyRole**(roleList)
-  6 **isUserInRole**(roleName)
-  8 **isUserLoggedIn**()
-  7 **isValid**(type="Any|Array|Binary|boolean|creditcard|date|time|email|eurodate|float|Numeric|guid|integer|Query|range|Regex|regular_expression|ssn|social_security_number|String|Struct|telephone|URL|UUID|usdate|variablename|xml|zipcode", value="object", min="num", max="num", pattern="string")
-  11 **IsValidOAuthAccessToken**(token, type)
-  **isWDDX**(value)
-  7 **isXML**(value)
-  7 **isXMLAttribute**(value)
-  7 **isXMLDoc**(value)
-  7 **isXMLElem**(value)
-  7 **isXMLNode**(value)
-  7 **isXMLRoot**(value)

DYNAMIC EVALUATION








-  **de**(string)
-  **evaluate**(expression1, expression2, expressionN)
-  **setVariable**(name, value)

Functions

DISPLAY







































-  `canonicalize`(string, restrictMultiple, restrictMixed, *throwOnError*)
-  `decimalFormat`(number)
-  `dollarFormat`(number)
-  `htmlCodeFormat`(String, *version*="-1|2.0|3.2")
-  `htmlEditFormat`(String, *version*="-1|2.0|3.2")
-  `getSafeHTML`(String, policyFile=path, throwOnError=true)
-  `isSafeHTML`(String, policyFile=path, throwOnError=true)
-  `IsNumberFormat`(number, *mask*="string")
-  `numberFormat`(number, *mask*="string")
-  `paragraphFormat`(String)
-  `wrap`(String, limit, *strip*="true|false")
-  `yesNoFormat`(value="true|false")

FILE/DIRECTORY

-  `directoryCreate`(path)
-  `directoryCopy`(path)
-  `directoryDelete`(path, recurse="true|false")
-  `directoryExists`(path)
-  `directoryList`(path, *recurse*="true|false", *returnType*, *filter*, *sort*, *type*)
-  `directoryRename`(path, newPath)
-  `expandPath`(relativePath)
-  `fileAppend`(fileObj, text, *charset*)
-  `fileClose`(fileObj)
-  `fileCopy`(sourceFilePath, destinationFilePath)
-  `fileDelete`(filePath)
-  `fileExists`(filePath)
-  `fileGetMimeType`()
-  `fileIsEOF`(fileObj)
-  `fileMove`(sourceFilePath, destinationFilePath)
-  `fileOpen`(filePath, *mode*="read|readBinary|write|append", *charset*)
-  `fileUpload`(destination, *fileField*, *accept*, *nameConflict*="error|skip|overwrite|makeUique")
-  `fileUploadAll`(destination, *accept*, *nameConflict*="error|skip|overwrite|makeUique", *continueOnError*="true|false", *errors*="cfile.uploadAllErrors")
-  `fileRead`(filePath, *charset*)
-  `fileReadBinary`(filePath)
-  `fileReadLine`(fileObj)
-  `fileSeek`(fileObj, position)
-  `fileSetAccessMode`(filePath, mode)
-  `fileSetAttribute`(filePath, attribute)
-  `fileSetLastModified`(filePath, dateTime)
-  `fileSkipBytes`(fileObj, bytes)
-  `fileWrite`(filePath, data, *charset*)
-  `fileWriteLine`(fileObj, text)
-  `getCurrentTemplatePath`()
-  `getDirectoryFromPath`(path)
-  `getFileFromPath`(path)
-  `getFileInfo`(filePath)
-  `getTempDirectory`()
-  `getTempFile`(path, prefix)
-  `getVFSMetadata`(fileSystemType="RAM")

















Functions

IMAGE








































































- 8  `getReadableImageFormats()`
- 8  `getWritableImageFormats()`
- 8  `imageAddBorder(img, thickness, color, borderType)`
- 8  `imageBlur(img, blurRadius)`
- 8  `imageClearRect(img, x, y, width, height)`
- 8  `imageCopy(img, x, y, width, height, dx, dy)`
- 10  `imageCreateCaptcha(height, width, text, difficulty, fonts, fontsize)`
- 8  `imageCrop(img, x, y, width, height)`
- 8  `imageDrawArc(img, x, y, width, height, startAngle, archAngle, filled)`
- 8  `imageDrawCubicCurve(img, ctrX1, ctrY1, ctrX2, ctrY2, x, y, x2, y2)`
- 8  `imageDrawLine(img, x, y, x2, y2)`
- 8  `imageDrawLines(img, xCords, yCords, isPolygon, filled)`
- 8  `imageDrawOval(img, x, y, width, height, filled)`
- 8  `imageDrawPoint(img, x, y)`
- 8  `imageDrawQuadraticCurve(img, ctrX1, ctrY1, ctrX2, ctrY2, x, y, x2, y2)`
- 8  `imageDrawRect(img, x, y, width, height, filled)`
- 8  `imageDrawRoundRect(img, x, y, width, height, arcWidth, arcHeight, fill)`
- 8  `imageDrawText(img, str, x, y, attributeCollection="struct")`
- 8  `imageFlip(img, transpose)`
- 8  `imageGetBlob(source)`
- 8  `imageGetBufferedImage(img)`
- 8  `ImageGetEXIFMetaData(img)`
- 8  `imageGetEXIFTag(img, tagName)`
- 8  `imageGetHeight(img)`
- 8  `ImageGetIPTCMetaData(img)`
- 11  `ImageGetMetaData(img)`
- 8  `imageGetWidth(img)`
- 8  `imageGrayScale(img)`
- 8  `imageInfo(img)`
- 10  `imageMakeColorTransparent(img, color)`
- 10  `imageMakeTranslucent(img, percent)`
- 8  `imageNegative(img)`
- 8  `imageNew(source, width, height, imageType, canvasColor)`
- 8  `imageOverlay(bottomImg, topImg)`
- 8  `imagePaste(img, imgToPaste, x, y)`
- 8  `imageRead(path)`
- 8  `imageReadBase64(string)`
- 8  `imageResize(img, width, height, interpolation, blurfactor)`
- 8  `imageRotate(img, angle, x, y, interpolation)`
- 8  `imageRotateDrawingAxis(img, angle, x, y)`
- 8  `imageScaleToFit(img, fitWidth, fitHeight, interpolation, blurFactor)`
- 8  `imageSetAntialiasing(img, antialias)`
- 8  `imageSetBackgroundColor(img, color)`
- 8  `imageSetDrawingColor(img, color)`
- 8  `imageSetDrawingStroke(img, attributeCollection)`
- 8  `imageSetDrawingTransparency(img, percent)`
- 8  `imageSharpen(img, gain)`
- 8  `imageShear(img, shear, direction, interpolation)`
- 8  `imageShearDrawingAxis(img, shrX, shrY)`
- 8  `imageTranslate(img, xTrans, yTrans, interpolation)`
- 8  `imageTranslateDrawingAxis(img, name, x, y)`
- 8  `imageWrite(img, destination, quality, overwrite="true|false")`

Functions


IMAGE (cont.)

-     **imageWriteBase64**(img, destination, format, *inHTMLFormat*="true|false", *overwrite*="true|false")
-     **imageXORDrawingMode**(name, c1)
-     **isImage**(name)
-     **isImageFile**(path)

INTERNATIONAL





-     **getEncoding**(scopeName="form|url")
-     **getLocale**()
-     **getLocaleDisplayName**()
-     **isCurrencyFormat**(number, *type*="local|international|none")
-     **isDateFormat**(date, *mask*="short|medium|long|full")
-     **isDateTimeFormat**(date, *mask*, *locale*, *timeZone*)
-     **isEuroCurrencyFormat**(currency, *type*="local|international|none")
-     **isIsCurrency**(string)
-     **isIsDate**(string)
-     **isIsNumeric**(string)
-     **isNumberFormat**(number, *mask*)
-     **isParseCurrency**(string)
-     **isParseDateTime**(dateTimeString)
-     **isParseEuroCurrency**(currencyString)
-     **isParseNumber**(string)
-     **isTimeFormat**(time, *mask*="short|medium|long")
-     **setEncoding**(scopeName="form|url", *charset*="utf-8|iso-8859-1|windows-1252|us-ascii|shift_jis|iso-2022-jp|euc-jp|euc-kr|big5|euc-cn|utf-16")
-     **setLocale**(newLocale="string")

LIST







































-     **listAppend**(list, value, *delimiters*=",")
-     **listChangeDelims**(list, *new_delimiter*, *delimiters*=",")
-     **listContains**(list, substring, *delimiters*=",")
-     **listContainsNoCase**(list, substring, *delimiters*=",")
-     **listDeleteAt**(list, position, *delimiters*=",")
-     **listEach**(list, function(), *delim*, *includeEmptyFields*="true|false")
-     **listFilter**(list, function(listElement){return true|false;})
-     **listFind**(list, value, *delimiters*=",")
-     **listFindNoCase**(list, value, *delimiters*=",")
-     **listFirst**(list, *delimiters*=",")
-     **listGetAt**(list, position, *delimiters*=",")
-     **listInsertAt**(list, position, value, *delimiters*=",")
-     **listLast**(list, *delimiters*=",")
-     **listLen**(list, *delimiters*=",")
-     **listMap**(list, function(item, index, list), *delimiter*, *includeEmptyFields*)
-     **listPrepend**(list, value, *delimiters*=",")
-     **listQualify**(list, qualifier, *delimiters*="," , *elements*="all|char")
-     **listReduce**(list, function(result, item, index, list), *initialValue*, *delimiter*, *includeEmptyFields*)
-     **listRemoveDuplicated**(list, *delimiter*, *ignoreCase*)
-     **listRest**(list, *delimiters*=",")
-     **listSetAt**(list, position, value, *delimiters*=",")
-     **listSort**(list, *sortType*, *sortOrder*, *delimiters*=",")

Functions

LIST (cont.)

-  **listToArray**(list, *delimiters*=",", *includeEmptyFields*="true|false", *multiCharacterDelimiter*="true|false")
-  **listValueCount**(list, value, *delimiters*=",")
-  **listValueCountNoCase**(list, value, *delimiters*=",")
-  **valueList**(queryColumn, *delimiter*=",»")

MATHEMATIC




-  **abs**(number)
-  **acos**(number)
-  **asc**(string)
-  **asin**(number)
-  **atan**(number)
-  **bitAnd**(number1, number2)
-  **bitMaskClear**(number, start, length)
-  **bitMaskRead**(number, start, length)
-  **bitMaskSet**(number, mask, start, length)
-  **bitNot**(number)
-  **bitOr**(number1, number2)
-  **bitShln**(number, count)
-  **bitShrn**(number, count)
-  **bitXor**(number1, number2)
-  **ceiling**(number)
-  **cos**(number)
-  **decrementValue**(number)
-  **exp**(number)
-  **fix**(number)
-  **formatBaseN**(number, radix)
-  **incrementValue**(number)
-  **inputBaseN**(string, radix)
-  **int**(number)
-  **log**(number)
-  **log10**(number)
-  **max**(number1, number2)
-  **min**(number1, number2)
-  **pi**()
-  **precisionEvaluate**(expressions)
-  **rand**(*algorithm*="CFMX_COMPAT|SHA1PRNG|IBMSecureRandom")
-  **randomize**(number, *algorithm*="CFMX_COMPAT|SHA1PRNG|IBMSecureRandom")
-  **randRange**(number1, number2, *algorithm*="CFMX_COMPAT|SHA1PRNG|IBMSecureRandom")
-  **round**(number)
-  **sgn**(number)
-  **sin**(number)
-  **sqr**(number)
-  **tan**(number)
-  **val**(string)

OAUTH
























-  **invalidateOauthAccessToken**(token, type)
-  **isValidOauthAccessToken**(token, type)

Functions













OBJECT

- 9  `objectEquals(param1, param2)`
- 9  `objectLoad(filePath | binaryObject)`
- 9  `objectSave(object, file)`

ORM

- 9  `entityDelete(entity)`
- 9  `entityLoad(entityName, id, unique)`
- 9  `entityLoad(entityName, filtercriteria, unique, sortorder, options)`
- 9  `entityLoadByExample(sampleEntity, unique="bool")`
- 9  `entityLoadByPK(entityName, id)`
- 9  `entityMerge(entity)`
- 9  `entityNew(entityName)`
- 9  `entityReload(entity)`
- 9  `entitySave(entity, forceInsert="true|false")`
- 9  `ormClearSession()`
- 9  `ormCloseSession()`
- 9  `ormEvictCollection(componentName, relationName, id)`
- 9  `ormEvictEntity(componentName, id)`
- 9  `ormEvictQueries(cacheName)`
- 9  `ormExecuteQuery(hql, unique="bool", queryoptions)`
- 9  `ormFlush()`
- 9  `ormGetSession()`
- 9  `ormGetSessionFactory()`
- 10  `ormIndex(entityName | entityNameList | entityObject)`
- 10  `ormIndexPurge(entityName | entityNameList)`
- 9  `ormReload()`
- 10  `ormSearch(queryText, entityName, fields, optionMap)`
- 10  `ormSearchOffline(queryText, entityName, fieldToBeSelected, fields, optionMap)`

OTHER










- 9  `applicationStop()`
-  `createUUID()`
- 8  `dotnetToCFTYPE(variableName)`
-  `duplicate(variable)`
-  `getTickCount()`
- 10  `invoke(cfclInstance, methodName, arguments)`
- 11  `invokeCFClientFunction(funcName, arg1, arg2, ..., successCallback)`
- 9  `location(url, addtoken="true|false", statuscode)`
-  `preserveSingleQuotes(variable)`
-  `sleep(duration)`
- 9  `trace(var, text, type="information|warning|error|fatal information", category, inline="true|false", abort="true|false")`
-  `writeOutput(string)`

PRINT




- 8  `getPrinterInfo(printer)`
- 8  `getPrinterList(printer)`

Functions









QUERY

-  **isQuery**(value)
-  **queryAddColumn**(query, columnName, datatype="Integer|BigInt|Double|Decimal|VarChar|Binary|Bit|Time|Data", array)
-  **queryAddRow**(query, number)
-  **queryExecute**(sql, queryParams, queryOptions)
-  **queryGetRow**(query, row)
-  **queryNew**(columnlist, columntypelist="Integer|BigInt|Double|Decimal|VarChar|Binary|Bit|Time|Data")
-  **querySetCell**(query, column, value, row)
-  **quotedValueList**(queryColumn, delimiter=",")
-  **removeCachedQuery**(sql, datasource, [params], [region])














REST

-  **restDeleteApplication**(dirPath)
-  **restInitApplication**(dirPath, serviceMapping, options)
-  **restSetResponse**(response)

SECURITY

-  **decrypt**(encryptedString, key, algorithm="CFMX_COMPAT|AES|BLOWFISH|DES|DESEDE", encoding="UU|Base64|Hex", IVorSalt, iterations)
-  **decryptBinary**(bytes, key, algorithm="CFMX_COMPAT|AES|BLOWFISH|DES|DESEDE", IVorSalt, iterations)
-  **encrypt**(string, key, algorithm="CFMX_COMPAT|AES|BLOWFISH|DES|DESEDE", encoding="UU|Base64|Hex", IVorSalt, iterations)
-  **encryptBinary**(bytes, key, algorithm="CFMX_COMPAT|AES|BLOWFISH|DES|DESEDE", IVorSalt, iterations)
-  **generatePBKDFKey**("PBKDF2WithHmacSHA1|PBKDF2WithSHA1|PBKDF2WithSHA224|PBKDF2WithSHA256|PBKDF2WithSHA384|PBKDF2WithSHA512", string, salt, iterations, keysize)
-  **generateSecretKey**(algorithm="CFMX_COMPAT|AES|BLOWFISH|DES|DESEDE")
-  **hash**(string, algorithm="CFMX_COMPAT|MD5|SHA|SHA-256|SHA-384|SHA-512", encoding="utf-8|iso-8859-1|windows-1252|us-ascii|shift_jis|iso-2022-jp|euc-jp|euc-kr|big5|euc-cn|utf-16")
-  **hMac**(message, key, algorithm, encoding)

SESSION & CLIENT

-  **CSRFGenerateToken**(key, forceNew="true|false")
-  **CSRFVerifyToken**(token, key)
-  **deleteClientVariable**(name)
-  **getAuthUser**()
-  **getClientVariablesList**()
-  **getUserRoles**()
-  **isUserInAnyRole**(roleList)
-  **isUserInRole**(role_name)
-  **isUserLoggedIn**()
-  **urlSessionFormat**(url)
-  **sessionGetMetaData**()
-  **sessionInvalidate**()
-  **sessionRotate**()

Functions

SPREADSHEET

- 9 **isSpreadsheetFile**(file)
- 9 **isSpreadsheetObject**(object)
- 11 **spreadSheetAddAutofilter**(spreadsheetObj, autofilter)
- 9 **spreadsheetAddColumn**(spreadsheetObj, data, *startRow*, *startColumn*, *insert="true|false"*, *datatype*)
- 9 **spreadSheetAddFreezePane**(spreadsheetObj, column, row, *endColumn*, *endRow*)
- 9 **spreadsheetAddImage**(spreadsheetObj, imageData, imageType, anchor)
- 9 **spreadsheetAddImage**(spreadsheetObj, imageFilePath, anchor)
- 9 **spreadsheetAddInfo**(spreadsheetObj, info="struct")
- 11 **spreadSheetAddPagebreaks**(spreadsheetObj, rowbreaks, colbreaks)
- 9 **spreadsheetAddRow**(spreadsheetObj, data, row, column, *insert="true|false"*, *datatype*)
- 9 **spreadsheetAddRows**(spreadsheetObj, data, row, *insert="true|false"*, *datatype*)
- 9 **spreadSheetAddSplitPane**(spreadsheetObj, x, y, splitColumn, splitRow, *position="lower_left|lower_right|upper_left|upper_right"*)
- 9 **spreadsheetCreateSheet**(spreadsheetObj, name)
- 9 **spreadsheetDeleteColumn**(spreadsheetObj, column)
- 9 **spreadsheetDeleteColumns**(spreadsheetObj, range)
- 9 **spreadsheetDeleteRow**(spreadsheetObj, row)
- 9 **spreadsheetDeleteRows**(spreadsheetObj, range)
- 9 **spreadsheetFormatCell**(spreadsheetObj, format, row, column)
- 9 **spreadsheetFormatColumn**(spreadsheetObj, format, column)
- 9 **spreadsheetFormatColumns**(spreadsheetObj, format, columns)
- 9 **spreadsheetFormatRow**(spreadsheetObj, format, row)
- 9 **spreadsheetFormatRows**(spreadsheetObj, format, row)
- 9 **spreadsheetGetCellComment**(author, *column*, *comment*, *row*)
- 9 **spreadsheetGetCellFormula**(spreadsheetObj, row, column)
- 9 **spreadsheetGetCellValue**(spreadsheetObj, row, column)
- 9 **spreadSheetInfo**(spreadsheetObj)
- 9 **spreadsheetMergeCells**(spreadsheetObj, startrow, endrow, startcolumn, endcolumn)
- 9 **spreadsheetNew**(*sheetname*, *xmlFormat="true|false"*)
- 8 **spreadsheetRead**(fileName, spreadsheetObj)
- 9 **spreadSheetReadBinary**(spreadsheetObj)
- 9 **spreadsheetSetActiveSheet**(spreadsheetObj, *name*)
- 9 **spreadsheetSetActiveSheetNumber**(spreadsheetObj, *number*)
- 9 **spreadsheetSetCellComment**(spreadsheetObj, comment, row, column)
- 9 **spreadsheetSetCellFormula**(spreadsheetObj, formula, row, column)
- 9 **spreadsheetSetCellValue**(spreadsheetObj, value, row, column, *datatype*)
- 9 **spreadsheetSetColumnWidth**(spreadsheetObj, columnNumber, width)
- 9 **spreadsheetSetFooter**(spreadsheetObj, leftFooter, centerFooter, rightFooter)
- 9 **spreadsheetSetHeader**(spreadsheetObj, leftHeader, centerHeader, rightHeader)
- 9 **spreadsheetSetRowHeight**(spreadsheetObj, rowNumber, height)
- 9 **spreadsheetShiftColumns**(spreadsheetObj, start, end, start)
- 9 **spreadsheetShiftRows**(spreadsheetObj, start, end, rows)
- 9 **spreadsheetWrite**(spreadsheetObj, fileName, *password*, *overwrite="true|false"*, *autosize*)

Functions

STRING

-  `chr(number)`
-  `cJustify(string, length)`
-  `compare(string1, string2)`
-  `compareNoCase(string1, string2)`
-  10 `decodeForHTML(string)`
-  10 `decodeFromURL(string)`
-  10 `encodeForCSS(string, strict="true|false")`
-  10 `encodeForHTML(string, strict="true|false")`
-  10 `encodeForHTMLAttribute(string, strict="true|false")`
-  10 `encodeForJavascript(string, strict="true|false")`
-  10 `encodeForURL(string, strict="true|false")`
-  10 `encodeForXML(string, strict="true|false")`
-  11 `encodeForXMLAttribute(string, strict="true|false")`
-  11 `encodeForXPath(string, strict="true|false")`
-  `find(substring, string, start="1")`
-  `findNoCase(substring, string, start)`
-  `findOneOf(set, string, start="1")`
-  `getToken(string, index, delimiters="string")`
-  `htmlCodeFormat(string, version="-1|2.0|3.2")`
-  `htmlEditFormat(string, version="-1|2.0|3.2")`
-  `insert(substring, string, position)`
-  `lCase(string)`
-  `left(string, count)`
-  `len(object)`
-  `lJustify(string, length)`
-  `lTrim(string)`
-  `mid(string, start, count)`
-  10 `reEscape(string)`
-  `reFind(regex, string, start="1", returnSubExpressions="true|false")`
-  `reFindNoCase(regex, String="1", start, returnSubExpressions="true|false")`
-  8 `reMatch(regex, string)`
-  8 `reMatchNoCase(regex, string)`
-  `removeChars(string, start, count)`
-  `repeatString(string, count)`
-  `replace(string, substring1, substring2, scope="one|all")`
-  `replaceList(string, list1, list2)`
-  `replaceNoCase(string, substring1, substring2, scope="one|all")`
-  `reReplace(string, regex, substring, scope="one|all")`
-  `reReplaceNoCase(string, regex, substring, scope="one|all")`
-  `reverse(string)`
-  `right(string, count)`
-  `rJustify(string, length)`
-  `rTrim(string)`
-  `spanExcluding(string, set)`
-  `spanIncluding(string, set)`
-  `stripCR(string)`
-  `trim(string)`
-  `uCase(string)`
-  6 `wrap(string, limit, strip="true|false")`

Functions

STRUCT


- `isStruct(variable="object")`
- `structAppend(struct1, struct2, overwriteFlag="true|false")`
- `structClear(structure="struct")`
- `structCopy(structure="struct")`
- `structCount(structure="struct")`
- `structDelete(structure, key, indicateNotExisting="true|false")`
- `10` `structEach(array, function(key, value) {})`
- `10` `structFilter(struct, function(key, value) {return true|false;})`
- `structFind(structure="struct", key)`
- `structFindKey(top="object", value, scope="one|all")`
- `structFindValue(top="object", value, scope="one|all")`
- `structGet(pathdesired)`
- `structInsert(structure, key, value, allowOverwrite="true|false")`
- `structIsEmpty(structure="struct")`
- `structKeyArray(structure="struct")`
- `structKeyExists(structure="struct", key)`
- `structKeyList(structure, delimiter=",")`
- `11` `structMap(structure, function(key, value, struct)`
- `structNew()`
- `11` `structReduce(structure, function(result, key, value, struct), initialVal)`
- `structSort(base="struct", sortType="numeric|text|textnocase",
sortOrder, pathToSubElement)`
- `structUpdate(structure="struct", key, value)`

SYSTEM

- `10` `getApplicationMetadata()`
- `getBaseTagData(tagname, instancenumber)`
- `getBaseTagList()`
- `getBaseTemplatePath()`
- `8` `getComponentMetadata(path)`
- `7` `getContextRoot()`
- `10` `getCPUUsage(ms)`
- `getException(javaobject="object")`
- `getFunctionList()`
- `10` `getFreeSpace()`
- `7` `getGatewayHelper(gatewayID)`
- `getHTTPRequestData()`
- `7` `getLocalhostIP()`
- `6` `getMetadata(Object)`
- `getMetricData(mode="perf_monitor|simple_load|prev_req_time|
avg_req_time")`
- `6` `getPageContext()`
- `6` `getProfileSections(inifile, encoding)`
- `getProfileString(inipath, section, entry, encoding)`
- `10` `getSystemFreeMemory()`
- `10` `getSystemTotalMemory()`
- `10` `getTotalSpace(path)`
- `6` `releaseCOMObject(objectName="object")`
- `7` `sendGatewayMessage(gatewayID, data="struct")`
- `setProfileString(inipath, section, entry, value, encoding)`

Functions

THREAD

9  `threadJoin(threadname, timeout)`

9  `threadTerminate(threadname)`


TRANSACTION

9  `transactionCommit()`

9  `transactionRollback(savepoint)`


9  `transactionSetSavepoint(savepoint)`

WEBSOCKET

10  `onWSAuthenticate(username, password, connectionInfo)`


10  `wsGetAllChannels(channelName, clustered)`


10  `wsGetSubscribers(channel, clustered)`


10  `wsPublish(channel, message, filterCriteria, clustered)`

10  `wsSendMessage(message)`

XML & SOAP

8  `addSOAPRequestHeader(webservice, namespace, name, value, mustunderstand="bool")`


8  `addSOAPResponseHeader(namespace, name, value, mustunderstand="bool")`

11  `deserializeXML(xmlString, useCustomSerializer="true|false")`

7  `getSOAPRequest()`

7  `getSOAPRequestHeader(namespace, name, asXML="true|false")`

7  `getSOAPResponse(webservice)`

7  `getSOAPResponseHeader(webservice, namespace, name, asXML="true|false")`

7  `isSOAPRequest()`

7  `isXML(value)`

7  `isXMLAttribute(value)`

7  `isXMLDoc(value)`


7  `isXMLElem(value)`


7  `isXMLNode(value)`

7  `isXMLRoot(value)`


11  `serializeXML(object, useCustomSerializer="true|false")`


6  `xmlChildPos(elem="node", childname, n)`


6  `xmlElemNew(xmlObj, namespace, childname)`


6  `xmlFormat(string, escapeNewSet="bool")`


6  `xmlGetNodeType(xmlNode="object")`

6  `xmlNew(casesensitive="true|false")`

6  `xmlParse(xmlString, casesensitive="true|false", validator)`

6  `xmlSearch(xmlObj, xpathString)`

6  `xmlTransform(xml, xsl, parameters="struct")`

7  `xmlValidate(xmlDoc="object", validator)`

Application.cfc

Settings/this scope

name = string
applicationTimeout = timespan
authCookie.disableUpdate = true|**false**
authCookie.timeout = days|-1
cache.configFile = path
cache.querySize = number of queries to cache
cache.useInternalQueryCache = true|**false**
chartStyleDirectory = path
clientManagement = true|**false**
clientStorage = cookie|registry|datasourceName
compileExtForInclude = list of extensions|*
customSerializer = cfcPath
customTagPaths = list of paths
datasource = datasourceName
datasources = struct
debuggingIPAddress = list of IP addresses
enableRobustException = true|false
googleMapKey = key
inMemoryFileSystem.enabled = true|false
inMemoryFileSystem.size = megabyte
invokImplicitAccessor = true|**false**
loginStorage = **cookie**|session
mappings = structure
ormEnabled = true|**false**
ormsettings.autogenMap = **true**|false
ormsettings.autoManageSession = **true**|false
ormsettings.cacheConfig = path
ormsettings.cacheProvider = **Ehcache**|JBossCache|Hashtable|SwarmCache|OSCache
ormsettings.catalog = string
ormsettings.cfcLocation = path or array of paths
ormsettings.datasource = datasourceName
ormsettings.dbCreate = **none**|update|dropcreate
ormsettings.dialect = DB2|DB2AS400|DB2OS390|Derby|PostgreSQL|MySQL|MySQLwithInnoDB|MySQLwithMyISAM|Oracle8i|Oracle9i|Oracle10g|Sybase|SybaseAnywhere|MicrosoftSQLServer|Informix
ormsettings.eventHandler = cfcPath
ormsettings.eventHandling = true|**false**
ormsettings.flushAtRequestEnd = **true**|false
ormsettings.logSQL = true|**false**
ormsettings.ormConfig = path
ormsettings.saveMapping = true|**false**
ormsettings.schema = string
ormsettings.search.autoIndex = true|**false**
ormsettings.search.indexDir = path
ormsettings.search.language = **english**|...
ormsettings.searchenabled = true|**false**
ormsettings.secondaryCacheEnabled = true|**false**
ormsettings.skipCFCWithError = true|**false**
ormsettings.sqlScript = path
ormsettings.useDBForMapping = **true**|false
javaSettings.loadColdFusionClassPath = true|**false**
javaSettings.loadPaths = array of paths
javaSettings.reloadOnChange = true|**false**
javaSettings.watchExtensions = list of extensions|.class,.jar
javaSettings.watchInterval = seconds|**60**

Settings/this scope (cont.)

restsettings.autoregister = true|**false**
restsettings.cfLocation = pathList
restsettings.host = string
restsettings.isDefault = true|false
restsettings.servicemapping = string
restsettings.skipCFCWithError = true|**false**
restsettings.useHost = true|false
s3.accessKeyId = S3 account ID
s3.awsSecretKey = S3 account secret key
s3.defaultLocation = **US**|EU|US-WEST
sameFormFieldsAsArray = true|**false**
scriptProtect = true|false
secureJSON = true|false
secureJSONPrefix = string|//
security.antiSamyPolicy = path
serialization.preserveCaseForStructKeys = true|**false**
serialization.serializeQueryAs = **row**|column|struct
serverSideFormValidation = **true**|false
sessionCookie.disableUpdate = true|**false**
sessionCookie.domain = string
sessionCookie.httpOnly = **true**|false
sessionCookie.secure = true|**false**
sessionCookie.timeout = days|**10950**
sessionManagement = true|**false**
sessionTimeout = timespan
setClientCookies = **true**|false
setDomainCookies = true|**false**
smtpServerSettings.password = string
smtpServerSettings.server = string
smtpServerSettings.username = string
strictNumberValidation = true|false
timeout = seconds
welcomeFileList = list of files
wsChannels = array of structs
wsSettings.includeCFTypesInWSDL = **true**|false
wsSettings.style = **rpc**|document|wrapped
wsSettings.version.consume = 1|2
wsSettings.version.publish = 1|2

Methods

onApplicationEnd(applicationScope)
onApplicationStart()
onAbort(targetPage)
onCFCRequest(cfcName, method, args)
onError(exception, eventName)
onMissingTemplate(targetPage)
onRequest(targetPage)
onRequestStart(targetPage)
onRequestEnd(targetPage)
onSessionStart()
onSessionEnd(sessionScope, applicationScope)
onWSAuthenticate(username, password, connectionInfo)

CFML Tag Variables

CFCATCH

Name value (cfcatch, struct): type, message, detail, tagContext
Database: datasource, nativeErrorCode, queryError, SQL, SQLState, where
Undefined Variable: name
Expression: errNumber
MissingInclude: missingFileName
Lock: lockName, lockOperation
Custom: errorCode, extendedInfo
Parsing: tokenText, snippet, column, knownColumn, line, knownLine

CFDBINFO

Name value (query):
type=dbnames: database_name, type tables: table_name, table_type, remarks
type=columns: column_name, type_name, is_nullable, is_primarykey, is_foreignkey, referenced_primarykey, referenced_primarykey_table, column_size, decimal_digits, column_default_value, char_octet_length, ordinal_position, remarks
type=version: database_version, database_productname, driver_version, driver_name, jdbc_major_version, jdbc_minor_version
type=procedures: procedure_name, remarks, procedure_type
type=foreignkey: fkcolumn_name, fktable_name, pkcolumn_name, delete_rule, update_rule
type=index: index_name, column_name, ordinal_position, cardinality, type, pages, non_unique

CFDIRECTORY, action="list"

Name value (query): name, size, type, dateLastModified, attributes, mode

CFERROR

Request & Exception: diagnostics, mailTo, dateTime, browser, generatedContent, remoteAddress, HTTPReferer, template, queryString
Validation: validationHeader, invalidFields, validationFooter
Exception: message, rootCause, tagContext, type

CFFEED, action="read"

Query value (query): authorEmail, authorName, authorUri, categoryLabel, categoryScheme, categoryTerm, comments, content, contentMode, contentSrc, contentType, contributorEmail, contributorName, contributorUri, createDate, expirationDate, id, idpermalink, linkHref, linkHrefLang, linkLength, linkRel, linkTitle, linkZype, publishedDate, rights, rssLink, source, sourceUrl, summary, summaryMode, summarySrc, summaryType, title, titleType, updatedDate, uri, xmlbase

CFFILE, action="upload"

Result value (cffile, struct): attemptedServerFile, clientDirectory, clientFile, clientFileExt, clientFileName, contentSubType, contentType, dateLastAccessed, fileExisted, fileSize, fileWasAppended, fileWasOverwritten, fileWasRenamed, fileWasSaved, oldFileSize, serverDirectory, serverFile, serverFileExt, serverFileName, timeCreated, timeLastModified, uploadAllErrors

CFFTP

Result value (cfftp, struct): succeeded, errorCode, errorText, getCurrentDir, getCurrentURL, existsDir, existsFile, exists

Name value (query): name, path, URL, length, lastModified, attributes, isDirectory, mode

CFHTTP

Result value (cfhttp, struct): charset, errorDetail, fileContent, header, mimeType, responseHeader[key], statusCode, text

CFML Tag Variables

CFIMAGE, action="info"

StructName value (struct):
colormodel.alpha_channel_support,
colormodel.alpha_premultiplied,
colormodel.bits_component_1,
colormodel.bits_component_2,
colormodel.bits_component_3,
colormodel.colormodel_type,
colormodel.colorspace,
colormodel.num_color_components,
colormodel.num_components,
colormodel.pixel_size,
colormodel.transparency, height,
source, width

CFIMAP

action="getHeaderOnly"
Name value (query): answered, cc,
deleted, draft, flagged, from, header,
lines, messageId, messageNumber,
recent, replyTo, rxdDate, seen,
sentDate, size, subject, to, UID

action="getAll"

Name value (query): answered,
attachmentFiles, attachments, body, cc,
CIDS, deleted, draft, flagged, from,
header, HTMLBody, lines, messageID,
messageNumber, recent, replyTo,
rxdDate, seen, sentDate, size, subject,
textBody, to, UID

action="listAllFolders"

Name value (query): fullname, name,
new, totalMessages, unread

CFLDAP, action="query"

Name value (query): currentRow,
recordCount, columnList

CFPDF, action="getInfo"

Name value (struct): application,
author,centerWindowOnScreen,
changingDocument, commenting,
contentExtraction, copyContent,
created, documentAssembly,
encryption, filePath, fillingForm,
fitToWindow, hideMenubar,
hideToolBar, hideWindowUI, keywords,
language, modified, pageLayout,
printing, producer, properties, secure,
showDocumentsOption,
showWindowsOption, signing, subject,
title, totalPages, trapped, version

CFPOP

action="getHeaderOnly"
Name value (query): cc, columnList,
currentRow, date, from, header,
messageNumber, messageId,
recordCount, replyTo, subject, to, UID

action="getAll"

Name value (query): attachments,
attachmentFiles, body, cc, cids,
columnList, currentRow, date, from,
header, HTMLBody, messageNumber,
messageId, recordCount, replyTo,
subject, to, textBody, UID

CFQUERY

Name value (query): columnList,
currentRow, recordCount

Result value (struct): cached,
columnList, executionTime,
recordcount, generatedKey, sql,
sqlparameters, IDENTITYCOL (MySQL),
ROWID (Oracle), SYB_IDENTITY
(Sybase), SERIAL_COL (Informix),
KEY_VALUE (DB2), GENERATED_KEY
(MySQL)

CFREGISTRY, action="getAll"

Query value (query): entry, type, value

CFSEARCH

Name value (query): author, category,
categoryTree, columnList, context,
currentRow, custom1, custom2,
custom3, custom4, key, rank,
recordCount, recordsSearched, score,
size, summary, title, type, URL

status value (struct): found, searched,
time, suggestedQuery, keywords,
keywordScore

CFSTOREDPROC

Result value (struct): executionTime,
statusCode

CFZIP, action="list"

Name value (query): comment,
compressedSize, crc, dateLastModified,
directory, name, size, type

CFML Scopes & Locales

Client

client.CFID
client.CFToken
client.hitCount
client.lastVisit
client.timeCreated
client.URLToken

Cookie

cookie.CFID
cookie.CFToken

Custom Tags

thisTag.executionMode
thisTag.hasEndTag
thisTag.GeneratedContent
thisTag.AssocAttribs[index]

Form

form.fieldNames

Server

server.coldFusion.productName
server.coldFusion.productVersion
server.coldFusion.productLevel
server.coldFusion.serialNumber
server.coldFusion.supportedLocales
server.coldFusion.appServer
server.coldFusion.expiration
server.coldFusion.rootDir
server.OS.name
server.OS.additionalInformation
server.OS.version
server.OS.buildNumber

Session

session.CFID
session.CFToken
session.URLToken
session.sessionId

CGI

cgi.auth_password
cgi.auth_type
cgi.auth_user
cgi.cert_cookie
cgi.cert_flags
cgi.cert_issuer
cgi.cert_keysize
cgi.cert_secretkeysize
cgi.cert_serialnumber
cgi.cert_server_issuer
cgi.cert_server_subject
cgi.cert_subject
cgi.cf_template_path
cgi.content_length
cgi.content_type
cgi.context_path
cgi.gateway_interface
cgi.https
cgi.https_keysize
cgi.https_secretkeysize
cgi.https_server_issuer
cgi.https_server_subject
cgi.http_accept
cgi.http_accept_encoding
cgi.http_accept_language
cgi.http_connection
cgi.http_cookie
cgi.http_host
cgi.http_referer
cgi.http_user_agent
cgi.path_info
cgi.path_translated
cgi.query_string
cgi.remote_addr
cgi.remote_host
cgi.remote_user
cgi.request_method
cgi.script_name
cgi.server_name
cgi.server_port
cgi.server_port_secure
cgi.server_protocol
cgi.server_software
cgi.web_server_api

Locales

Chinese (China), Chinese (Hong Kong), Chinese (Taiwan), Dutch (Belgian), Dutch (Standard), English (Australian), English (Canadian), English (New Zealand), English (UK), English (US), French (Belgian), French (Canadian), French (Standard), French (Swiss), German (Austrian), German (Standard), German (Swiss), Italian (Standard), Italian (Swiss), Japanese, Korean, Norwegian (Bokmal), Norwegian (Nynorsk), Portuguese (Brazilian), Portuguese (Standard), Spanish (Modern), Spanish (Standard), Swedish

CFML Ajax JS Functions

ColdFusion.Ajax.submitForm(formId, URL, *callbackHandler*, *errorHandler*,
httpMethod, *asynch*)

ColdFusion.getElementValue(elementId, *formId*, *attributeName*)

ColdFusion.Grid.getGridObject(name)

ColdFusion.Grid.refresh(gridId, preservePage)

ColdFusion.Grid.sort(gridId, *columnName*, *direction*)

ColdFusion.Layout.collapseArea(layout, layoutArea)

ColdFusion.Layout.expandArea(layout, layoutArea)

ColdFusion.Layout.hideArea(layout, layoutArea)

ColdFusion.Layout.showArea(layout, layoutArea)

ColdFusion.Layout.createTab(layout, layoutArea, Title, URL, *configObject*)

ColdFusion.Layout.disableTab(layout, layoutArea)

ColdFusion.Layout.enableTab(layout, layoutArea)

ColdFusion.Layout.hideTab(layout, layoutArea)

ColdFusion.Layout.selectTab(layout, layoutArea)

ColdFusion.Layout.showTab(layout, layoutArea)

ColdFusion.Log.debug(message, category)

ColdFusion.Log.dump(object, *category*)

ColdFusion.Log.error(message, *category*)

ColdFusion.Log.info(message, *category*)

ColdFusion.Navigate(URL, container, callbackHandler, errorHandler, httpMethod,
formId)

ColdFusion.setGlobalErrorHandler(functionName)

ColdFusion.Tree.getTreeObject(name)

ColdFusion.Tree.refresh(treeID)

ColdFusion.Window.create(name, title, URL, *configuration*)

ColdFusion.Window.getWindowObject(name)

ColdFusion.Window.hide(name)

ColdFusion.Window.onHide(windowName, handler)

ColdFusion.Window.onShow(windowName, handler)

ColdFusion.Window.show(name)

CFClient Functions

cfclient.addOrientationListener(listener)
cfclient.removeOrientationListener(listener)
cfclient.addResizeListener(listener)
cfclient.removeResizeListener(listener)
cfclient.file.copy(source, destination)
cfclient.file.copyDirectory(source, destination)
cfclient.file.createDirectory(dirPath, throwError="true|false")
cfclient.file.directoryExists(dirPath)
cfclient.file.exists(filePath)
cfclient.file.listDirectory(dirPath, sortOrder)
cfclient.file.move(source, destination)
cfclient.file.moveDirectory(source, destination)
cfclient.file.read(filePath)
cfclient.file.readAsBase64(filePath)
cfclient.file.remove(filename)
cfclient.file.removeDirectory(dirPath, recurse="true|false")
cfclient.file.rename(oldName, newName)
cfclient.file.renameDirectory(oldName, newName)
cfclient.file.setWorkingDirectory(dirPath)
cfclient.file.setFileSystem(filesystem)
cfclient.file.toURI(filename)
cfclient.file.getDirectory(dirname)
cfclient.file.get(filename)
cfclient.file.getFileSystem()
cfclient.file.append(name, data)
cfclient.file.write(name, data)
cfclient.file.getWorkingDirectory()
cfclient.file.download(url, localFilePath, successCallback, errorCallback, options="struct")
cfclient.file.upload(fileName, url, successCallback, errorCallback, options="struct")
cfclient.contacts.create(name, phoneNumber, email, save="true|false")
cfclient.contacts.createAddress(streetAddress, locality, region, country, postalCode, formatted, type, pref="true|false")
cfclient.contacts.createName(givenName, familyName, middleName, formatted, honorificPrefix, honorificSuffix)
cfclient.contacts.createOrganization(name, department, title, type, pref="true|false")
cfclient.contacts.find(filter, fields="array")
cfclient.contacts.getAllContacts(fields="array")
cfclient.contacts.remove(contact="object")
cfclient.contacts.save(contact="object")
cfclient.geolocation.clearWatch(watchId)
cfclient.geolocation.getCurrentPosition(options="object")
cfclient.geolocation.getOptions()
cfclient.geolocation.setOptions(options="object")
cfclient.geolocation.watchPosition(callback, options="object")
cfclient.notification.alert(message, title, buttonLabels)
cfclient.notification.beep(count)
cfclient.notification.confirm(message, title, buttonLabels)
cfclient.notification.vibrate(milliseconds)

CFClient Functions

cfclient.video.capture(options="object", callback)
cfclient.video.getSupportedModes()
cfclient.video.getOptions()
cfclient.video.setOptions(options="object")
cfclient.audio.capture(options="object", callback)
cfclient.audio.getSupportedModes()
cfclient.audio.getOptions()
cfclient.audio.setOptions(options="object")
cfclient.audio.createMedia(src, callback)
cfclient.audio.getCurrentPosition(media="object")
cfclient.audio.play(src="any")
cfclient.audio.pause(media="object")
cfclient.audio.release(media="object")
cfclient.audio.stop(media="object")
cfclient.audio.record(src="any")
cfclient.audio.stopRecording(media="object")
cfclient.audio.seekTo(media="object", duration)
cfclient.connection.getType()
cfclient.connection.onOnline(callback="object")
cfclient.connection.onOffline(callback="object")
cfclient.localstorage.getItem(key)
cfclient.localstorage.setItem(key="object", value="object")
cfclient.localstorage.removeItem(key)
cfclient.localstorage.clear()
cfclient.camera.getPicture(options="object", base64="true|false")
cfclient.camera.getPictureFromAlbum(options="object", base64="true|false")
cfclient.camera.getPictureFromPhotoLibrary(options="object",
base64="true|false")
cfclient.camera.cleanup()
cfclient.camera.getOptions()
cfclient.camera.setOptions(options="object")
cfclient.accelerometer.watch(callback, options="object")
cfclient.accelerometer.clearWatch(watchId)
cfclient.accelerometer.getOptions()
cfclient.accelerometer.setOptions(options="object")
cfclient.splashscreen.hide()
cfclient.splashscreen.show()
cfclient.events.onPause(callBackFunction)
cfclient.events.onResume(callBackFunction)
cfclient.events.onBackButton(callBackFunction)
cfclient.events.onBatteryCritical(callBackFunction)
cfclient.events.onBatteryLow(callBackFunction)
cfclient.events.onBatteryStatusChange(callBackFunction)
cfclient.events.onMenuButton(callBackFunction)
cfclient.events.onSearchButton(callBackFunction)

HTML Entities

Dec	Sy	Number	Name	Dec	Sy	Number	Name
9	Tab			82	R	R	
10	LF			83	S	S	
13	CR			84	T	T	
32	SP	 		85	U	U	
33	!	!		86	V	V	
34	"	"	"	87	W	W	
35	#	#		88	X	X	
36	\$	$		89	Y	Y	
37	%	%		90	Z	Z	
38	&	&	&	91	[[
39	'	'		92	\	\	
40	((93]]	
41))		94	^	^	
42	*	*		95	_	_	
43	+	+		96	`	`	
44	,	,		97	a	a	
45	-	-		98	b	b	
46	.	.		99	c	c	
47	/	/		100	d	d	
48	0	0		101	e	e	
49	1	1		102	f	f	
50	2	2		103	g	g	
51	3	3		104	h	h	
52	4	4		105	i	i	
53	5	5		106	j	j	
54	6	6		107	k	k	
55	7	7		108	l	l	
56	8	8		109	m	m	
57	9	9		110	n	n	
58	:	:		111	o	o	
59	;	;		112	p	p	
60	<	<	<	113	q	q	
61	=	=		114	r	r	
62	>	>	>	115	s	s	
63	?	?		116	t	t	
64	@	@		117	u	u	
65	A	A		118	v	v	
66	B	B		119	w	w	
67	C	C		120	x	x	
68	D	D		121	y	y	
69	E	E		122	z	z	
70	F	F		123	{	{	
71	G	G		124		|	
72	H	H		125	}	}	
73	I	I		126	~	~	
74	J	J		160		 	
75	K	K		161	¡	¡	¡
76	L	L		162	¢	¢	¢
77	M	M		163	£	£	£
78	N	N		164	¤	¤	¤
79	O	O		165	¥	¥	¥
80	P	P		166	¦	¦	¦
81	Q	Q		167	§	§	§

HTML Entities

Dec	Sy	Number	Name	Dec	Sy	Number	Name
168	ˆ	¨	¨	221	Ÿ	Ý	Ý
169	©	©	©	222	Þ	Þ	Þ
170	ª	ª	ª	223	ß	ß	ß
171	«	«	«	224	à	à	à
172	¬	¬	¬	225	á	á	á
173	¸	­	­	226	â	â	â
174	®	®	®	227	ã	ã	ã
175	˘	¯	¯	228	ä	ä	ä
176	°	°	°	229	å	å	å
177	±	±	±	230	æ	æ	æ
178	²	²	²	231	ç	ç	ç
179	³	³	³	232	è	è	è
180	´	´	´	233	é	é	é
181	µ	µ	µ	234	ê	ê	ê
182	¶	¶	¶	235	ë	ë	ë
183	·	·	·	236	ì	ì	ì
184	¸	¸	¸	237	í	í	í
185	¹	¹	¹	238	î	î	î
186	º	º	º	239	ï	ï	ï
187	»	»	»	240	ð	ð	ð
188	¼	¼	¼	241	ñ	ñ	ñ
189	½	½	½	242	ò	ò	ò
190	¾	¾	¾	243	ó	ó	ó
191	¿	¿	¿	244	ô	ô	ô
192	À	À	À	245	õ	õ	õ
193	Á	Á	Á	246	ö	ö	ö
194	Â	Â	Â	247	÷	÷	÷
195	Ã	Ã	Ã	248	ø	ø	ø
196	Ä	Ä	Ä	249	ù	ù	ù
197	Å	Å	Å	250	ú	ú	ú
198	Æ	Æ	Æ	251	û	û	û
199	Ç	Ç	Ç	252	ü	ü	ü
200	È	È	È	253	ý	ý	ý
201	É	É	É	254	þ	þ	þ
202	Ê	Ê	Ê	255	ÿ	ÿ	ÿ
203	Ë	Ë	Ë				
204	Ì	Ì	Ì				
205	Í	Í	Í				
206	Î	Î	Î				
207	Ï	Ï	Ï				
208	Ð	Ð	Ð				
209	Ñ	Ñ	Ñ				
210	Ò	Ò	Ò				
211	Ó	Ó	Ó				
212	Ô	Ô	Ô				
213	Õ	Õ	Õ				
214	Ö	Ö	Ö				
215	×	×	×				
216	Ø	Ø	Ø				
217	Ù	Ù	Ù				
218	Ú	Ú	Ú				
219	Û	Û	Û				
220	Ü	Ü	Ü				

HTTP Status Codes

1xx Informational

- 100 Continue
- 101 Switching Protocols
- 102 Processing (WebDAV)

2xx Success

- 200 OK
- 201 Created
- 202 Accepted
- 203 Non-Authoritative Information
- 204 No Content
- 205 Reset Content
- 206 Partial Content
- 207 Multi-Status (WebDAV)

3xx Redirection

- 300 Multiple Choices
- 301 Moved Permanently
- 302 Found
- 303 See Other
- 304 Not Modified
- 305 Use Proxy
- 306 Switch Proxy
- 307 Temporary Redirect

4xx Client Error

- 400 Bad Request
- 401 Unauthorized
- 402 Payment Required
- 403 Forbidden
- 404 Not Found
- 405 Method Not Allowed
- 406 Not Acceptable
- 407 Proxy Authentication Required
- 408 Request Timeout
- 409 Conflict
- 410 Gone
- 411 Length Required
- 412 Precondition Failed
- 413 Request Entity Too Large
- 414 Request-URI Too Long
- 415 Unsupported Media Type
- 416 Requested Range Not Satisfiable
- 417 Expectation Failed
- 422 Unprocessable Entity (WebDAV)
- 423 Locked (WebDAV)
- 424 Failed Dependency (WebDAV)
- 425 Unordered Collection
- 426 Upgrade Required
- 449 Retry With

5xx Server Error

- 500 Internal Server Error
- 501 Not Implemented
- 502 Bad Gateway
- 503 Service Temporarily Unavailable
- 504 Gateway Timeout
- 505 HTTP Version Not Supported
- 506 Variant Also Negotiates
- 507 Insufficient Storage (WebDAV)
- 509 Bandwidth Limit Exceeded
- 510 Not Extended

Brackets & CF Builder

Brackets

Ctrl+N	File New	Ctrl+D	Duplicate
Ctrl+O	File Open	Ctrl+Shift+D	Delete Line(s)
Ctrl+Shift+O	Quick Open	Ctrl+Shift+Down	Move Line(s) Down
Ctrl+Alt+S	File Save All	Ctrl+Shift+Up	Move Line(s) Up
Ctrl+S	File Save		
Ctrl+W	File Close	Ctrl+T	Go to Definition
Ctrl+Q	Quit		
		Ctrl+L	To Lower Case
Ctrl+Shift+Tab	Previous Document	Ctrl+U	To Upper Case
Ctrl+Tab	Next Document		
		Ctrl+Alt+P	Live Preview
Ctrl+/	Comment/Uncomm.	Ctrl+Shift+C	Live Highlight
Ctrl+]	Indent	Ctrl+E	Quick Edit
Ctrl+[Unindent	Ctrl+Shift+H	Hide Sidebar
Ctrl+A	Select All		
Ctrl+G	Go to Line	Ctrl++	Increase Font Size
		Ctrl+=	Increase Font Size
Ctrl+Alt+/	Search Commands	Ctrl--	Decrease Font Size
Ctrl+F	Find	Ctrl+0	Restore Font Size
Ctrl+Shift+F	Find in Files		
Shift+F3	Find Next	F2	Rename
Ctrl+H	Replace	F5	Reload Brackets
Alt+Up	Previous Match	F12	Developer Tools
Alt+Down	Next Match		

ColdFusion Builder

Ctrl+Shift+A	insert cfabort	Ctrl+Shift+Space	
Ctrl+Shift+D	insert cfdump	Ctrl+Shift+M	comment code
Ctrl+Shift+R	insert cfsript	Ctrl+Shift+f	format code
Ctrl+=	insert cfset	Ctrl+O	outline view
Ctrl+J	insert snippet	Ctrl+Page Down	source/preview
Ctrl+Shift+L or Y	to lowercase	Ctrl+.	show whitespace
Ctrl+Shift+U or X	to uppercase		
Ctrl+Space	show code assist	Ctrl+Delete	delete line
Ctrl+T	open tag wizard	Ctrl+L	go to line
Ctrl+Alt+S	open SQL editor	Ctrl+M	maximize view
Ctrl+Shift+H	wrap ##	Ctrl+E	select editor
Ctrl+Shift+O	wrap <cfoutput>	Ctrl+H	search
Ctrl+Shift+'	wrap "		
Ctrl+'	wrap '		
Ctrl+Shift+T	wrap try/catch		
Ctrl+B	wrap 		
Ctrl+I	wrap 		
Ctrl+Shift+P	wrap <p>		

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- Virtual Server
- Colocation
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- Domainregistrations
- SSL Certificates
- SMS Gateway (In- and Outbound)
- MX Backup
- Online Backup



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