ColdBox Framework

DEFAULT CACHE SETTINGS
- Default Timeout = 60 min
- Last Access Timeout = 30 min
- Reap Frequency = 1 min
- Max Objects = 100
- JVM Threshold = 0 (Unlimited)
- Eviction Policy = LRU
- useLastAccess = True

FRAMEWORK DEFAULTS
- LogFileEncoding = ISO-8859-1
- LogFileMaxSize = 5000kb
- LogsMaxArchives = 5
- DefaultFileCharSet = ISO-8859-1
- DefaultLogDirectory = logs
- Default Event Name = event
- MessageboxStorage = session
- FlashURLPersistScope = session

CORE PLUGINS
- AntiSamy
- applicationstorage
- beanFactory
- cfcViewer
- clientstorage
- cookiestorage
- i18n
- ioc
- JavaLoader
- logger
- messagebox
- methodInjector
- MTLogger
- queryHelper
- renderer
- resourceBundle
- sessionstorage
- StringBuffer
- timer
- Utilities
- webservices
- XMLParser
- zip

PLUGINS-INTERCEPTORS-HANDLER
- **announceInterception**(state,[*interceptData*])
- **getColdBoxOCM**()
- **getController**()
- **getDatasource**(alias)
- **getDebugMode**()
- **getfwLocale**()
- **getInterceptor**(interceptorClass)
- **getModel**(model,[useSetterInjection],[onCompleteDIUDF], [debugmode]
- **getMailSettings**()
- **getMyPlugin**(plugin,[*newinstance*])
- **getPlugin**(plugin,[*customPlugin*],[*newInstance*])
- **getResource**(resource)
- **getSetting**(name, [*fwSetting*])
- **getSettingsBean**()
- **getSettingStructure**([*fwSetting*],[*DeepCopyFlag*])
- **htmlhead**(content)
- **Include**(template)
- **includeUDF**(udfLibrary)
- **populateModel**(model,scope,trustedSetter)
- **persistVariables**(persist,[varStruct])
- **relocate**(url,[*addToken*])
- **renderExternalView**(view)
- **renderView**([*view*],[*cache*],[*Timeout*],[*LastAccessTimeout*])
- **runEvent**(event,[*prepostExempt*],[*private*])
- **setDebugMode**(mode)
- **setNextEvent**(event,[*queryString*],[*addToken*],[*persist*],[varStruct])
- **setNextRoute**(route,[*persist*],[varStruct])
- **setSetting**(name,value)
- **settingExists**(name, [*fwSetting*])
- **throw**(message,[*detail*],[*type*])
- **dump**(var, abort), **abort**()

CUSTOM PLUGIN METHODS
- **Init()**
- **getPluginPath**

CUSTOM PLUGIN PROPERTIES (ALL HAVE GET/SET)
- **pluginName**
- **pluginDescription**
- **pluginVersion**

CONTROLLER COMMON METHODS
- **getAppRootPath**()
- **getColdboxOCM**()
- **getColdboxSettings**()
- **getConfigSettings**()
- **getPlugin**(plugin,[*customPlugin*],[*newInstance*])
- **getRequestService**()
- **getInterceptorService**()
- **getDebuggerService**()
- **getExceptionService**()
- **getSettingStructure**([*fwSetting*],[*DeepCopyFlag*])
- **getSetting**(name, [*fwSetting*])
- **persistVariables**(persist,[varStruct])
- **runEvent**(event,[*prepostExempt*],[*private*])
- **settingExists**(name, [*fwSetting*])
- **setSetting**(name,value)
- **setNextEvent**(event,[*queryString*],[*addToken*],[*persist*],[varStruct])
- **setNextRoute**(route,[*persist*],[varStruct])

COLDBOX CACHE COMMON METHODS
- **clearAllEvents**([*async*])
- **clearAllView**([*async*])
- **clearByKeySnippet**(keySnippet,[*regex*],[*async*])
- **clearEvent**(eventSnippet,[*queryString*],[*async*])
- **clearKey**(objectKey),
- **clearKeyMulti**(keys,[prefix])
- **clearView**(viewSnippet,[*async*])
- **expireAll**([*async*])
- **expireByKeySnippet**(keySnippet,[*regex*],[*async*])
- **expireKey**(objectKey)
- **get**(objectKey),
- **getMulti**(keys,[prefix])
- **getCachedObjectMetadata**(objectKey)
- **getCachedObjectMetadataMulti**(keys,[prefix])
- **getCacheStats**()
- **getItemTypes**()
- **getObjectPool**()
- **getpool_metadata**()
- **getSize**()
- **lookup**(objectKey)
- **set**(objectKey,MyObject,[*Timeout*],[*LastAccessTimeout*])
- **setMulti**(mapping,[timeout],[LastAccessTimeout],[prefix])
- **reap**()

CORE INTERCEPTORS
- **autowire**
- **Deploy**
- **environmentControl**
- **executionTracer**
- **ses**
- **security**

URL ACTIONS (INDEX.CFM?)
- fwreinit=1
- fwreinit={reinitPassword}
- debugmode=true
- debugpass={DebugPass}
- fwcache=anything
- dumpvar=varlist
- debugpanel={panel}

DEBUG PANELS
- cache
- cacheviewer
- profiler

INTERCEPTOR METHODS
- **Configure**()
- **getProperties**(properties)
- **setProperties**()
- **getProperty**(name)
- **setProperty**(name, value)
- **propertyExists**(name)
- **Unregister**(state)
- **clearBuffer**() , **appendToBuffer**(string)
- **getBufferString**(), **getBufferObject**()

INTERCEPTION POINTS
- **afterConfigurationLoad, afterAspectsLoad**
- **sessionStart, SessionEnd**
- **preProcess, postProcess**
- **preEvent, postEvent**
- **preRender, postRender**
- **afterHandlerCreation** (handlerPath,oHandler)
- **afterPluginCreation**(pluginPath,oPlugin)
- **afterCacheElementInsert**(cacheObjectKey,cacheObjectTimeout)
- **afterCacheElementRemoved**(cacheObjectKey)

SES ROUTES
- :handler/:action?/:id?
- **Tips**
- ? = optional
- :var-numeric Numeric Route
- :var Alphanumeric Route
- /package/handler/action

REQUEST CONTEXT COMMON METHODS (RECEIVED AS EVENT)
- **buildLink**(linkto)
- **clearCollection**()
- **collectionAppend**(collection,[overwrite])
- **getCollection**([*DeepCopyFlag*])
- **getCurrentAction**()
- **getCurrentEvent**()
- **getCurrentHandler**()
- **getCurrentLayout**()
- **getCurrentView**()
- **getDefaultLayout**()
- **getDefaultView**()
- **getEventName**()
- **getFolderLayouts**()
- **getSelf**()
- **getSESBaseURL**()
- **getSize**()
- **getValue**(name,[*default*])
- **getTrimValue**(name,[*default*])
- **getViewLayouts**()
- **isProxyRequest**()
- **isNoRender**()
- **isSES**()
- **NoRender**([*remove*])
- **overrideEvent**(event)
- **paramValue**(name, value)
- **renderData(** type, data, contentType)
- **removeValue**(name)
- **setLayout**(name)
- **setValue**(name, value)
- **setView**(name,[*noLayout*],[*cache*],[*cacheTimeout*],[cache*LastAccessTimeout*])
- **valueExists**(name)
- **showDebugPanel**(boolean)

Version 2.6.3

ColdBox Framework

CACHE CONFIG ELEMENTS

- ▸ **ObjectDefaultTimeout** = Minutes
- ▸ **ObjectDefaultLastAccessTimeout** = Minutes
- ▸ **UseLastAccessTimeouts** = Boolean
- ▸ **MaxObject** = Integer (0 = Unlimited)
- ▸ **ReapFrequency** = Minutes
- ▸ **FreeMemoryPercentageThreshold** = Integer Percentage (0 = Unlimited)
- ▸ **EvictionPolicy** = LFU or LRU or FIFO

APPLICATION,SESSION,CLIENT STORAGE PLUGINS

- ▸ **clearAll()** *
- ▸ **deleteVar**(name)
- ▸ **exists**(name) *
- ▸ **getStorage()** *
- ▸ **getVar**(name, [*default*])
- ▸ **setVar**(name, value)

* Clientstorage excluded

BEANFACTORY PLUGIN

- ▸ **create**(bean, [*callInitFlag=false*])
- ▸ **getModel**(model)
- ▸ **populateModel**(model)
- ▸ **populateBean**(FormBean)
- ▸ **populateFromJson**(FormBean, JSONString)
- ▸ **populateFromStruct**(FormBean, memento)
- ▸ **populateFromQuery**(FormBean,qry,RowNumber)
- ▸ **Autowire**(target,[useSetterInjection],[annotationCheck], [onDICompleteUDF],[debugmode])

CFC VIEWER

- ▸ **buildLink**(package)
- ▸ **buildRootLink**()
- ▸ **getaCFC**()
- ▸ **getaPacks**()
- ▸ **getCFCMetaData**(cfcName)
- ▸ **getDirPath**()
- ▸ **getLinkBaseURL**()
- ▸ **getLinkString**()
- ▸ **getLinkType**()
- ▸ **getLstAccessTypes**()
- ▸ **getRenderingTemplate**()
- ▸ **getRootPath**()
- ▸ **getStyleSheet**()
- ▸ **renderit**()
- ▸ **setup**(dirpath,[*accessTypeFilter*],[dirLink],[jsLink], [RenderingTemplate],[LinkBaseURL])

COOKIESTORAGE PLUGIN

- ▸ **setVar**(name, value, [*expires=1*])
- ▸ **deleteVar**(name)
- ▸ **exists**(name)
- ▸ **get/setEncryption**()
- ▸ **get/setEncryptionAlgorithm**()
- ▸ **get/setEncryptionEncoding**()
- ▸ **get/setEncriptionKey**()
- ▸ **getVar**(name, [default])
- ▸ **setVar**(name, value, [expires])

IOC PLUGIN

- ▸ **configure**()
- ▸ **getBean**(beanName)
- ▸ **getExpandedIOCDefinitionFile**()
- ▸ **getIOCDefinitionFile**()
- ▸ **getIOCFactory**()
- ▸ **getIOCFramework**()
- ▸ **reloadDefinitionFile**()

RESOURCEBUNDLE PLUGIN

- ▸ **formatRBString**(rbString, substituteValues)
- ▸ **getRBKeys**(rbFile, [rbLocale])
- ▸ **getRBString**(rbFile,rbKey,[rbLocale])
- ▸ **getResource**(resource)
- ▸ **getResourceBundle**(rbFile, [rbLocale])
- ▸ **loadBundle**(rbFile, [rbLocale])
- ▸ **messageFormat**(thisPattern, args, [thisLocale])
- ▸ **setupInstance**()
- ▸ **verifyPattern**(pattern)

JAVALOADER PLUGIN

- ▸ **create**(className)
- ▸ **getURLClassLoader**()
- ▸ **getVersion**()
- ▸ **setup**(loadPaths,[*loadColdfusionClassPath=false*], [*parentClassLoader=*])

JSON PLUGIN

- ▸ decode(data)
- ▸ encode(data,[queryFormat],[queryKeyCase],[stringNumbers], [formatDate],[columnListFormat]

LOGGER & MTLOGGER PLUGIN

- ▸ **logEntry**(Severity,Message,[*ExtraInfo*])
- ▸ **logError**(Message,[*ExceptionStruct*],[*ExtraInfo*])
- ▸ **removeLogFile**()
- ▸ **tracer**(message, [*extraInfo*])
- ▸ **getValidSeverities**()

MESSAGEBOX PLUGIN

- ▸ **Append**(message), **appendArray**(messageArray)
- ▸ **clearMessage**(), **getMessage**(), **isEmpty**()
- ▸ **renderIt**(*[clearFlag]*)
- ▸ **setMessage**(type,[*message*],[*messageArray*])

METHODINJECTOR PLUGIN

- ▸ **injectMixin**(UDF)
- ▸ **injectPropertyMixin**(propertyName,propertyValue,[scope])
- ▸ **invokerMixin**(method,[argCollection],[argList]
- ▸ **removeMixin**(UDFName)
- ▸ **removePropertyMixin**(propertyName, [scope])
- ▸ **start**(CFC), **stop**(cfc)

QUERYHELPER PLUGIN

- ▸ **doInnerJoin/doLeftOuterJoin**(qryLeft,qryRight,LeftJoinColumn, RightJoinColumn,OrderByElement,[caseSensitive])
- ▸ **doQueryAppend**(qryFrom,qryTo)
- ▸ **filterQuery**(qry,field,value,cfsqltype)
- ▸ **getColumnArray**(qry,columnName)
- ▸ **getCountDistinct**(qry,columnName)
- ▸ **getRowNumber**(qry,columnValue,ColumnName)
- ▸ **sortQuery**(qry,sortBy,sortOrder)

RENDERER PLUGIN

- ▸ **purgeView**(view)
- ▸ **renderExternalView**(view)
- ▸ **renderLayout**()
- ▸ **renderView**([*view*],[cache],[cacheTimeout], [cacheLastAccessTimeout])

TIMER PLUGIN

- ▸ **getTimerScope**()
- ▸ **logTime**(label, tickcount)
- ▸ **Start**(label)
- ▸ **Stop**(label)

WEBSERVICES PLUGIN

- ▸ **getWS**(name)
- ▸ **getWSObj**(name)
- ▸ **refreshWS**(webservice)

CONFIG SETTINGS

- ▸ AppMapping
- ▸ **Appname**
- ▸ ApplicationStartHandler
- ▸ CustomErrorTemplate
- ▸ CustomEmailBugReport
- ▸ ColdboxLogsLocation
- ▸ ConfigAutoReload
- ▸ DebugMode
- ▸ DebugPassword
- ▸ **DefaultEvent**
- ▸ EventName
- ▸ ExceptionHandler
- ▸ EnableBugReports
- ▸ EnableColdfusionLogging
- ▸ EnableDumpVar
- ▸ EnableColdboxLogging
- ▸ EventCaching
- ▸ HandlersIndexAutoReload
- ▸ HandlersExternalLocation
- ▸ HandlerCaching
- ▸ IOCFramework
- ▸ IOCFrameworkReload
- ▸ IOCDefinitionFile
- ▸ IOCObjectCaching
- ▸ MessageboxStyleOverride
- ▸ ModelsObjectCaching
- ▸ ModelsSetterInjection
- ▸ ModelsDICompleteUDF
- ▸ ModelsDebugMode
- ▸ ModelsStopRecursion
- ▸ MyPluginsLocation
- ▸ onInvalidEvent
- ▸ **OwnerEmail**
- ▸ ProxyReturnCollection
- ▸ RequestStartHandler
- ▸ RequestEndHandler
- ▸ RequestContextDecorator
- ▸ ReinitPassword
- ▸ SessionStartHandler
- ▸ SessionEndHandler
- ▸ UDFLibraryFile
- ▸ FlashURLPersistScope
- ✳ **BOLD = Required**

HANDLER PROPERTIES

- ▸ **This** scope properties
- ▸ EVENT_CACHE_SUFFIX
- ▸ PREHANDLER_ONLY
- ▸ PREHANDLER_EXCEPT
- ▸ POSTHANDLER_ONLY
- ▸ POSTHANDLER_EXCEPT

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DEBUGGER ELEMENTS

‣ PersistentRequestProfiler = true
‣ maxPersistentRequestProfilers = 10
‣ maxRCPanelQueryRows = 50
▹ InfoPanel @show=true @expanded=true
▹ TracerPanel @show=true @expanded=true
▹ CachePanel @show=true @expanded=false
▹ RCPanel @show=true @expanded=false

UTILITIES PLUGIN

‣ **isCFUUID**(inStr)
‣ **isEmail**(str)
‣ **isURL**(str)
‣ **Sleeper**(milliseconds)
‣ **createArray**(str)
‣ **createStruct**(str)
‣ **getOSFileSeparator**()
‣ **getOSPathSeparator**()
‣ **getOSName**()
‣ **getInetHost**()
‣ **checkCharSet**(charset)

‣ **getIPAddress**()
‣ **getJavaRuntime**()
‣ **getJavaVersion**()
‣ **getJVMFreeMemory**()
‣ **getJVMTotalMemory**()
‣ **FileLastModified**(filename)
‣ **ripExtension**(filename)
‣ **createFile**(filename)
‣ **FileCanWrite**(filename)
‣ **FileCanRead**(filename)
‣ **isFile**(filename)

▸ **appendFile**(file,contents,[*charset*],[*checkCharSet*])
▸ **FileSize**(filename,sizeFormat)
▸ **readFile**(file,[*binary*],[*charset*],[*checkCharSet*])
▸ **saveFile**(file,contents,[*charset*],[*checkCharSet*])
‣ **removeFile**(filename)
‣ **isDirectory**(filename)
‣ **getAbsolutePath**(path)
‣ **isSSL**()

STRINGBUFFER PLUGIN

‣ **Append**(strIn)
‣ **Capacity**()
‣ **Delete**(startPos,endPost)
‣ **getString**()
‣ **getStringBuffer**()
‣ **indexOf**(inStr,fromPos)
‣ **insertStr**(offset,inStr)
‣ **lastIndexOf**(inStr,fromPos)
‣ **Length**()
‣ **replaceStr**(startPos,endPos, inStr)
‣ **reverseStr**()
‣ **setLength**(newLength)
‣ **Setup**(strIn,BufferLen)
‣ **subString**(startPos,endPos)

ZIP PLUGIN

‣ **AddFiles**(zipFilePath, [files],[directory],[filter],[recurse],
[compression],[savePaths])
‣ **DeleteFiles**(zipFilePath, files)
‣ **Extract**(zipFilePath, [extractPath],[extractFiles],[useFolderNames],
[overwriteFiles]
‣ **FileList**[directory, [filter], [recurse])
‣ **gzipAddFile**(gzipFilePath, filePath)
‣ **gzipExtract**(gzipFilePath, [extractPath])
‣ **List**(zipFilePath)
‣ **PathFormat**(path)

REQUESTSERVICE

‣ **getContext**()

INTERCEPTORSERVICE

‣ **processState**(state,interceptData**)**
‣ **registerInterceptor**([interceptorClass],[interceptorObject[,
[interceptorProperties], [customPoints])
‣ **getInterceptor**(InterceptorClass)
‣ **appendInterceptionPoints**(customPoints)
‣ **getInterceptionPoints**()
‣ **getInterceptionStates**()
‣ **getStateContainer**(state**)**
‣ **Unregister(**interceptorClass, state)

DEBUGGERSERVICE

‣ **getDebugMode()**
‣ **setDebugMode**(debugMode)

SES INTERCEPTOR PROPERTIES

‣ **configFIle** : relative or absolute routes file

SES ROUTES

‣ **setEnabled(true or false)** : [default=true]
‣ **setUniqueURLs(true or false)** : [default=false]
‣ **setBaseURL**(url)
‣ **addCourse**(pattern, [*handler*],[*action*],[matchVariables])

▹ **:varname** = alphanumeric route
▹ **:varname-numeric** = numeric route
▹ /blog/entry/:year-numeric/:month-numeric
‣ /wiki/:pagename

AUTOWIRE INTERCEPTOR PROPERTIES

‣ **debugMode :** [boolean=false]
‣ **completeDIMethodName** : [string=onDIComplete]

ENVIRONMENTCONTROL INTERCEPTOR PROPERTIES

‣ **configFile :** relative or absolute file location
‣ **fireOnInit** : [boolean=true]

SECURITY INTERCEPTOR PROPERTY

‣ **useRegex** : [boolean=true]
‣ **useRoutes** : [boolean = false]
‣ **debugMode** : [boolean=false]
‣ **rulesSource** : [string=xml, db, ioc, ocm]
‣ **queryChecks** : [boolean=true]
‣ **validator** : [classpath]
‣ **validatorIOC** : [bean name]

MODELMAPPINGS

‣ **addModelMapping(alias,model)**

‣ This has to be a file named: **modelMappings.cfm** in your config
folder