

# Welcome To The ColdBox Wiki

The ColdFusion  
Enterprise  
Conventions  
Based Object  
Oriented  
Framework

## General Platform Information



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## What's New ?

A collection of all the what's new documents for each Release.

- **ColdBox**
  - [What's New with 3.5.0](#)
  - [What's New with 3.1.0](#)
  - [What's New with 3.0.0](#)
- **WireBox**
  - [What's New with WireBox 1.3.X](#)
- **CacheBox**
  - [What's New with CacheBox 1.3.X](#)

## Compatibility Guides

These guides are to help developers migrate to new versions of the framework.

- [Upgrading to ColdBox 3.5.0](#)
- [Upgrading to ColdBox 3.0.0 \(2.X.X - 2.6.3\)](#)

## Installing & Getting Ready For Development

This section contains the necessary information to install, upgrade, maintain and get ready to start developing in ColdBox.

- [Installing ColdBox](#)
- [Refactoring ColdBox for Custom Installations](#)
- [Installing IDE Syntax Dictionaries](#)
- [Adobe CF Builder Extension : ColdBox Platform Utilities](#)
- [Cool CheatSheet](#)

## The Basics

This section gives you an introductory or getting started feel to ColdBox Development!

- [ColdBox Overview](#)
- [My First ColdBox Application](#)
- [Application Directory Structure & Conventions](#)
- [ColdBox MVC & Remote Request Life Cycles](#)

## Configuration

This section gives you the insight needed to use configuration settings and logging in your ColdBox Applications.

- [The ColdBox Configuration CFC](#)
- [Interacting With Settings](#)
- [Application.cfc Bootstrapper](#)
- [ColdBox URL Actions](#)
- [Fun Logging with LogBox](#)

## Models

This section delves into the model layer of MVC, ORM integration, dependency injection and much more.

- [Model Integration](#)
- [Validating Objects & Forms](#)
- [Model Dependency Injection](#)
- [Model Aspect Oriented Programming](#)
- [Built-in ORM Services](#)
  - [ORM Active Entity](#)
  - [CF ORM Virtual Entity Service Layers](#)
  - [CF ORM Event Handling](#)
  - [ColdBox Hibernate Criteria Builder](#)

## Views

Discover ColdBox layout and view rendering

- [Layouts and Rendering in ColdBox](#)
- [Ajax Integration](#)

## Controllers

Learn how to build and leverage ColdBox events.

- [Event Handlers](#)
- [Validating Objects & Forms](#)
- [URL Mapping & Rewriting](#)

## Request Context

Discover the main class for transporting and dealing with requests.

- [The Request Context](#)
- [Extending The Request Context](#)

## Extending ColdBox

Learn how to extend ColdBox

- [ColdBox Modules & Architecture](#)
- [ColdBox Plugins](#)
- [ColdBox Interceptors](#)

## Down The Rabbit Hole

Deeper we go down the rabbit hole with cool advanced topics.

- [The Flash RAM Object & Webflows](#)
- [CacheBox: The ColdBox Enterprise Caching Engine](#)
- [ColdBox Proxy: Powering Flex/AIR/Remote Applications](#)
- [Internationalization Guide \(i18n\)](#)
- [ColdBox Security: Securing your applications](#)
- [Dependency Injection via WireBox](#)
- [Aspect Oriented Programming via WireBox](#)
- [ColdBox ColdSpring Integration](#)
- [ColdBox LightWire Integration](#)
- [Transfer ORM Support](#)
- [Reactor ORM Support](#)
- [ColdBox Recipes](#)

## Testing ColdBox Applications

Unit Testing, Integration Testing, and so much more.

- [ColdBox Unit Testing & Integration Testing](#)
- [Mocking and Stubbing in ColdBox Applications](#)

## Core Plugins

Visit our [Core Plugins Page Browser](#)

- [AntiSamy](#) - Built in XSS cleanup tool
- [Application Storage](#) - Interface to the Application scope, the OO way
- [BeanFactory](#) - Our interface to WireBox
- [Client Storage](#) - Interface to the Client scope, the OO way
- [Cluster Storage](#) - Interface to the Cluster scope, the OO way
- [Cookie Storage](#) - Interface to the Cookie scope, the OO way
- [Date Utility](#) - Help you with funky dates
- [Feed Reader Plugin](#) - Read any feed
- [Feed Generator Plugin](#) - Generate any feed
- [Feed Generator Elements](#)
- [File Utility](#) - Cool file utility methods
- [HTMLHelper](#) - Get fancy with HTML
- [IOC Plugin](#) - Interface to Inversion of Control frameworks
- [JavaLoader](#) - Get funky and interact with java the easy way
- [JVMUtils](#) - Talk to our favorite friend
- [Logger Plugin](#) - Interfacing with LogBox
- [Mail Service](#) - Sending mails with token replacements
- [MessageBox](#) - Cool little messages for your apps
- [Query Helper](#) - Do some query magic with this plugin
- [Session Storage](#) - Interface to the Session scope, the OO way
- [Timer](#) - Need to time/profile your code to the ColdBox Debugger?

- [Webservices](#) - Interact with your set webservices
- [XML Converter](#) - Convert anything to XML
- [Zip](#) - Zip Anything

## Theory

This documentation section touches on the theory of MVC, ColdBox application architecture, and an introductory overview to the ColdBox Platform.

- [Model-View-Controller Demystified](#)
- [ColdFusion Development Best Practices](#)
- [ColdFusion SQL Injection Protection Best Practices](#)
- [Database Naming Conventions](#)

## Standalone Frameworks & Libraries

The ColdBox Platform is composed of several **standalone** internal frameworks and libraries that can be used on any ColdFusion framework or application. Below are the documents for each standalone library:

- [MockBox: The ColdBox Mocking/Stubbing Framework](#)
- [CacheBox: The ColdBox Enterprise Caching Engine](#)
- [LogBox: The ColdFusion Enterprise Logging Library](#)
- [WireBox Dependency Injection](#)
- [WireBox Aspect Oriented Programming](#)
- [WireBox Entity Injection](#)

## Standalone Projects

The ColdBox standalone projects are a suite of projects, plugins, interceptors, modules, etc that are not part of the core platform but are available as separate downloads from [ForgeBox](#). You can find these and tons of other projects at [ForgeBox](#), our community repository. We are trying to document all official released entries.

- [The Groovy Loader Project](#)
- [The Lookup Manager Project](#)
- [JSMin Compressor for ColdBox Applications](#)
- [SASS Implementation in ColdBox](#)
- [ColdBox Relax: RESTful Tools For Lazy Experts](#)
- [CFCViewer](#) - Love Documentation? Then use this plugin to document ANYTHING!
- [String Buffer](#) - Need lots of string concatenations the fast way?
- [Cluster/Tier Deployment Interceptor](#)
- [ColdBox SideBar](#)

## ColdBox Recipes

A collection of useful recipes, you can also check out our [Recipes Viewer](#)

1. [Using Helper UDF's and CFC's](#)
2. [My First Event Handler](#)
3. [My First Custom Exception Handler](#)
4. [My First Custom Plugin](#)
5. [My First Interceptor](#)
6. [My First Context Decorator](#)
7. [How to time your code](#)
8. [Object factory custom plugin](#)
9. [Loading a custom ColdBox configuration file](#)
10. [Tracing messages to the debug panel](#)
11. [Creating a messagebox css](#)
12. [Creating a Custom exception template](#)
13. [Caching objects](#)
14. [Creating a 404 template via onInvalidEvent](#)
15. [Is there an easy, programmatic way to remove a specific element from the view cache](#)
16. [Building a simple Basic HTTP Authentication Interceptor](#)

## ForgeBox REST API Documentation

[ForgeBox](#) is an online repository of anything ColdBox or CodexWiki. Below is the documentation for its RESTful API.

- [API Documentation](#)

## Other Resources

- [Community Articles & Tutorials](#) : A collection of community articles and tutorials
- [Media & Presentations](#) : A collection of ColdBox media and presentations
- [User Group Presentations](#) : A collection of ColdBox user group presentations