

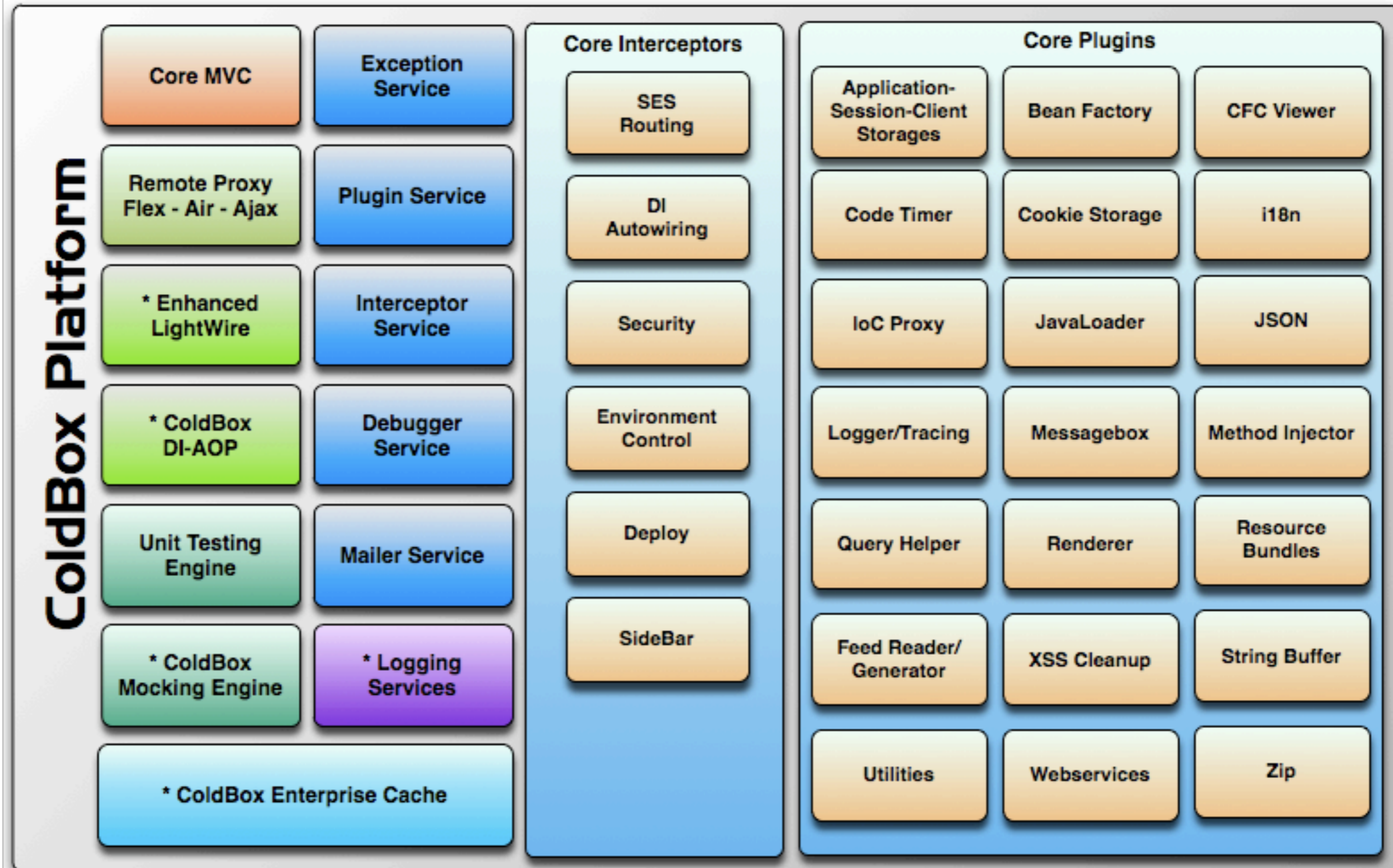


**ColdBox**

**3.0.0**

**Luis Majano &  
Ortus Solutions, Corp**  
[lmajano@coldbox.org](mailto:lmajano@coldbox.org)  
[www.coldbox.org](http://www.coldbox.org)

# PLATFORM OVERVIEW



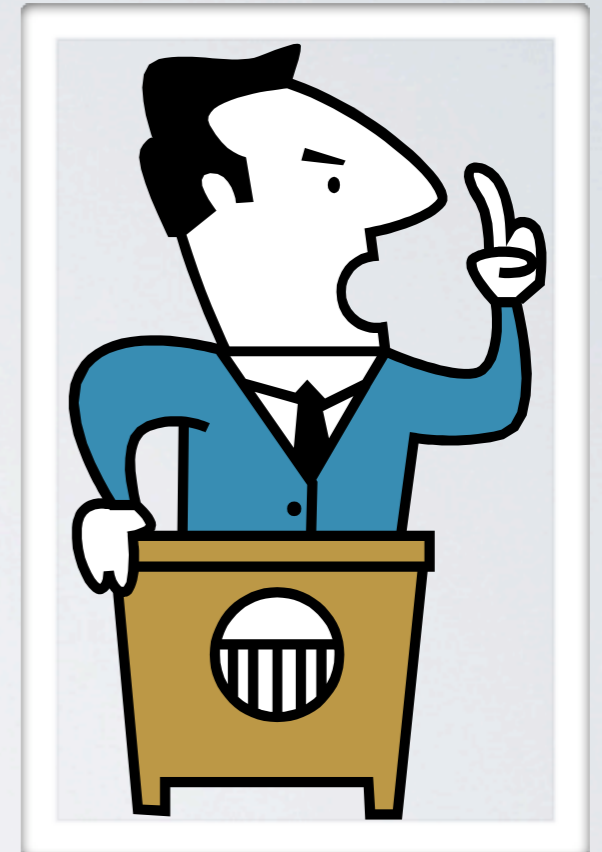
## ColdBox Tools



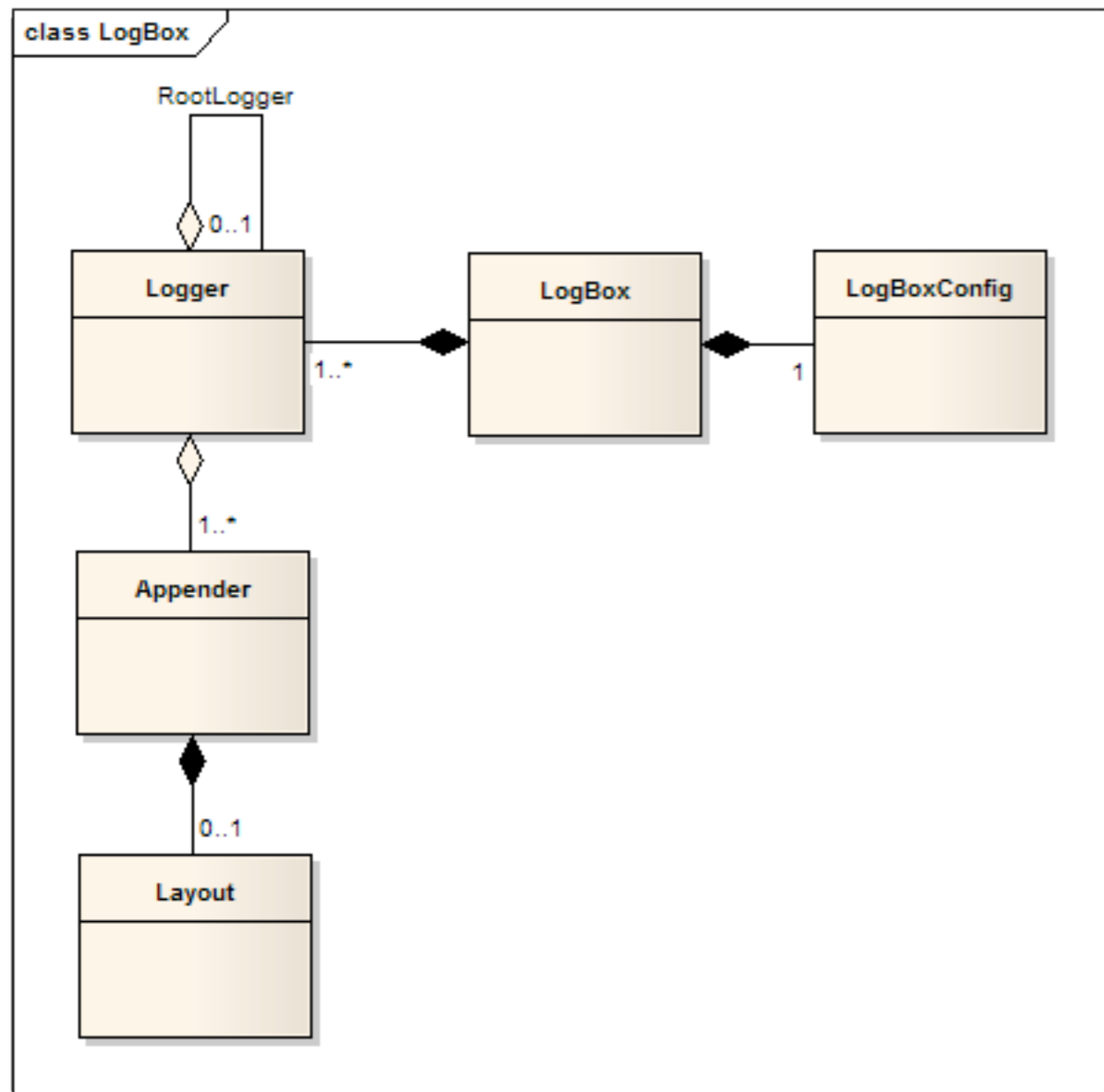
# GOALS OF 3.0.0



- Modularity
  - LogBox, MockBox, BlenderBox, ColdBox Cache
- Scalability/Extensibility
  - More extension points
  - Core Extensions
- Performance
  - Redesign of old code
  - Usage of new CFML Enhancements

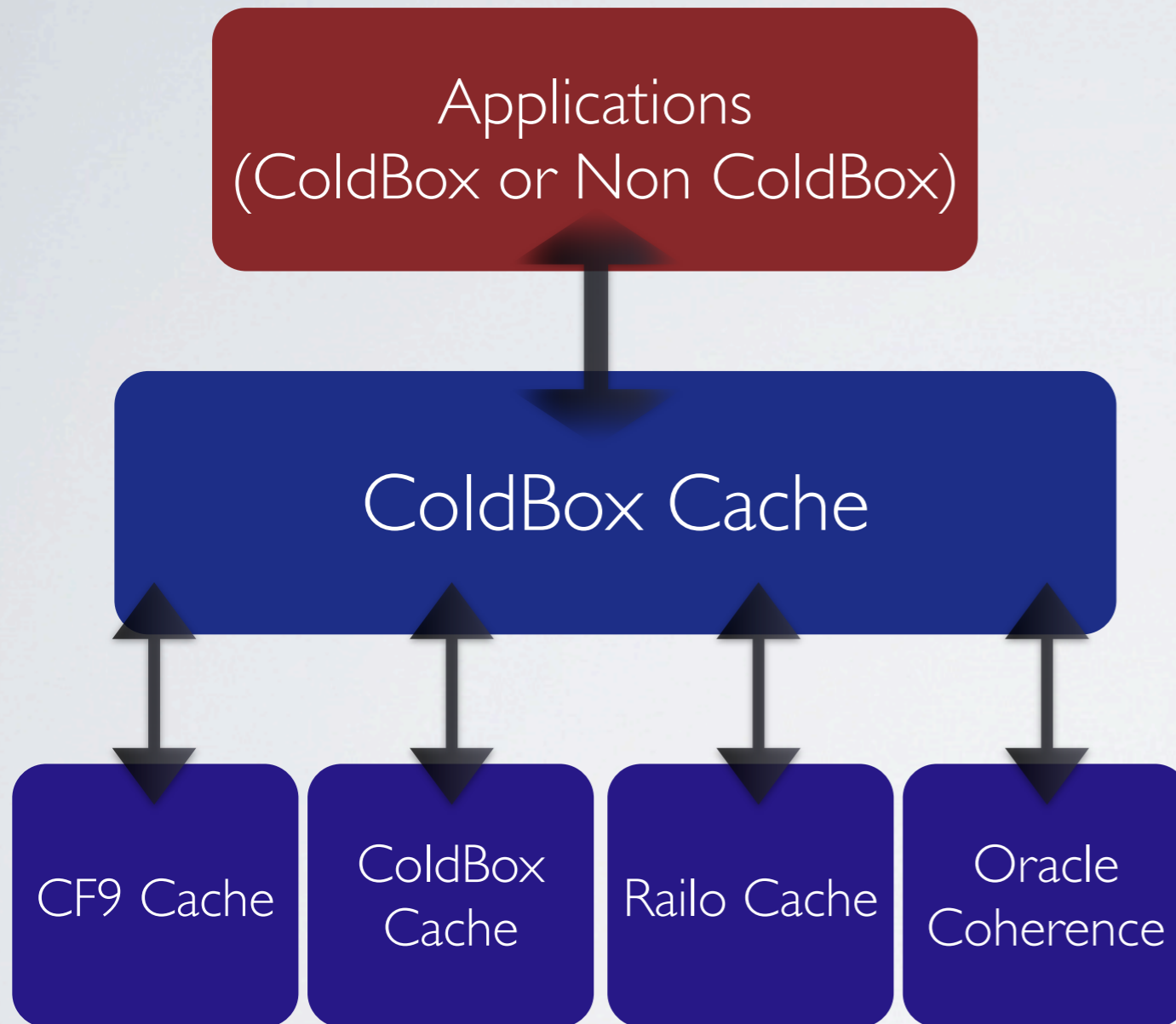


# LogBox



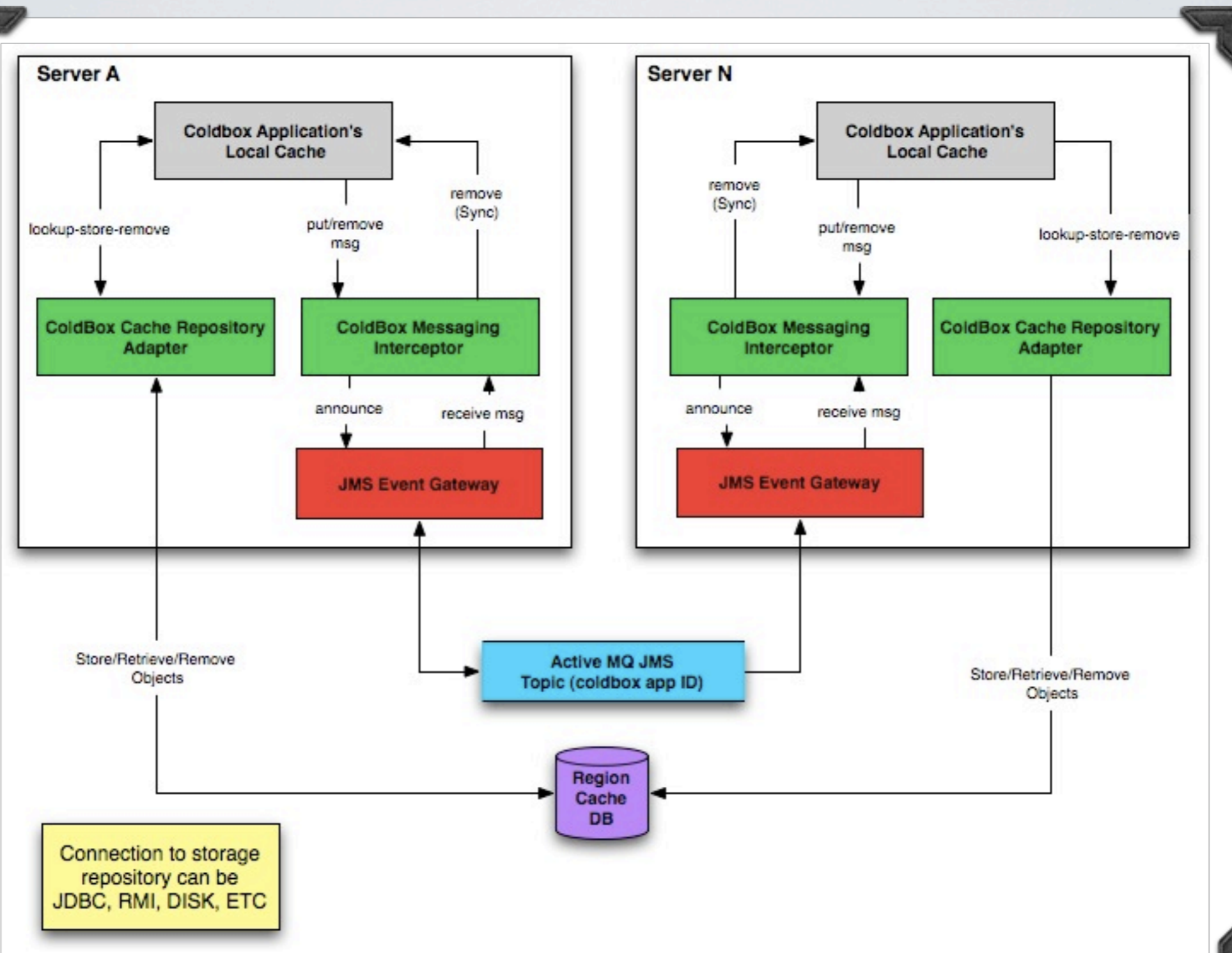
- Standalone Library
- Modeled after log4j for ColdFusion
- Leverages CF and is dynamic nature
- 12 Appenders Included
- Extensible Appenders & Layouts
- Programmatic Configurations
- Category Inheritance
- ColdBox Applications Enhanced
- Even log to Twitter
- Who wants to do a facebook appender?

# ColdBox Cache



- Standalone Library
- Cache Agnostic
- | Caching API - Any Cache Engine
- Enhanced for ColdBox applications
- Easily Switch Cache Providers:
  - Adobe CF 9
  - ColdBox Cache
  - Oracle Coherence
  - Railo Cluster Caching
  - Custom

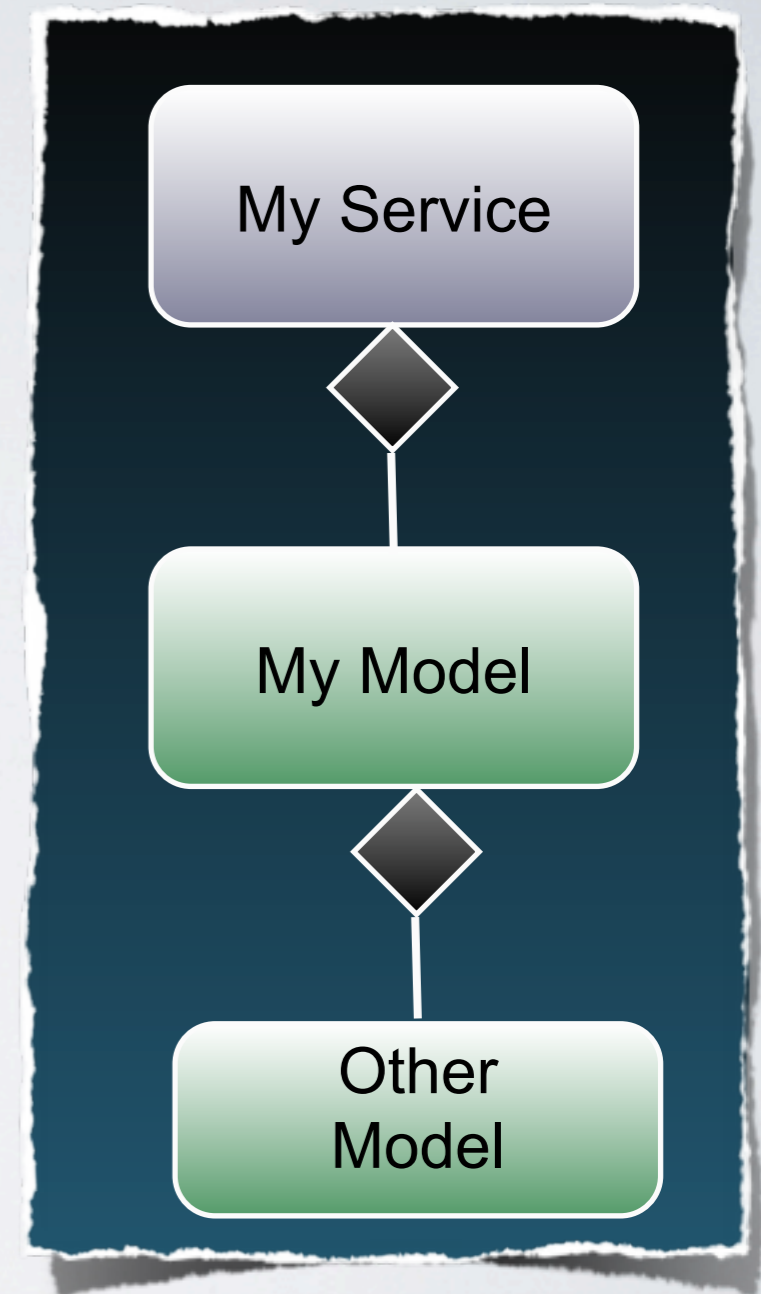
# Would You Like A ColdBox Distributed Cache??



# BLENDERBOX



- Standalone IoC/DI/AOP Framework
- Leverages Conventions over Configuration (No XML)
- CS compatible
- Custom DSL's For Autowiring
- Full Parent Hierarchies (BlenderBox, LW or CS)
- Object Types: CFC's, Java, .NET, WebServices, Groovy
- Setter, Constructor and Annotation based injections
- Time Persisted Objects - Cache Integrations
- AOP capable via ColdBox Interceptor Library
- Of Course, ColdBox Applications Enhanced
- Much More...



# BLENDERBOX AOP



- Registering Advices is easy!

```
//Register Advices - autowiring it if needed. They are Interceptors
addAdvice(name="Logging",class="path");
addAdvice(name="Transaction",class="path");

//Add Advisor to a Target Explicitly
addAdvisor(target="SecurityService",methods="regex",advices="Logging,Transaction");
addAdvisor(target="UserService",methods="^save",advices="Transaction");

OR add as metadata to your functions:
<cffunction name="save" output="false" returntype="void" advices="Transaction">
```

- Handler Action Transactions

```
<cffunction name="save" output="false" transaction-safe="true">
```

# BLENDERBOX



- Building Advices is easy too!!

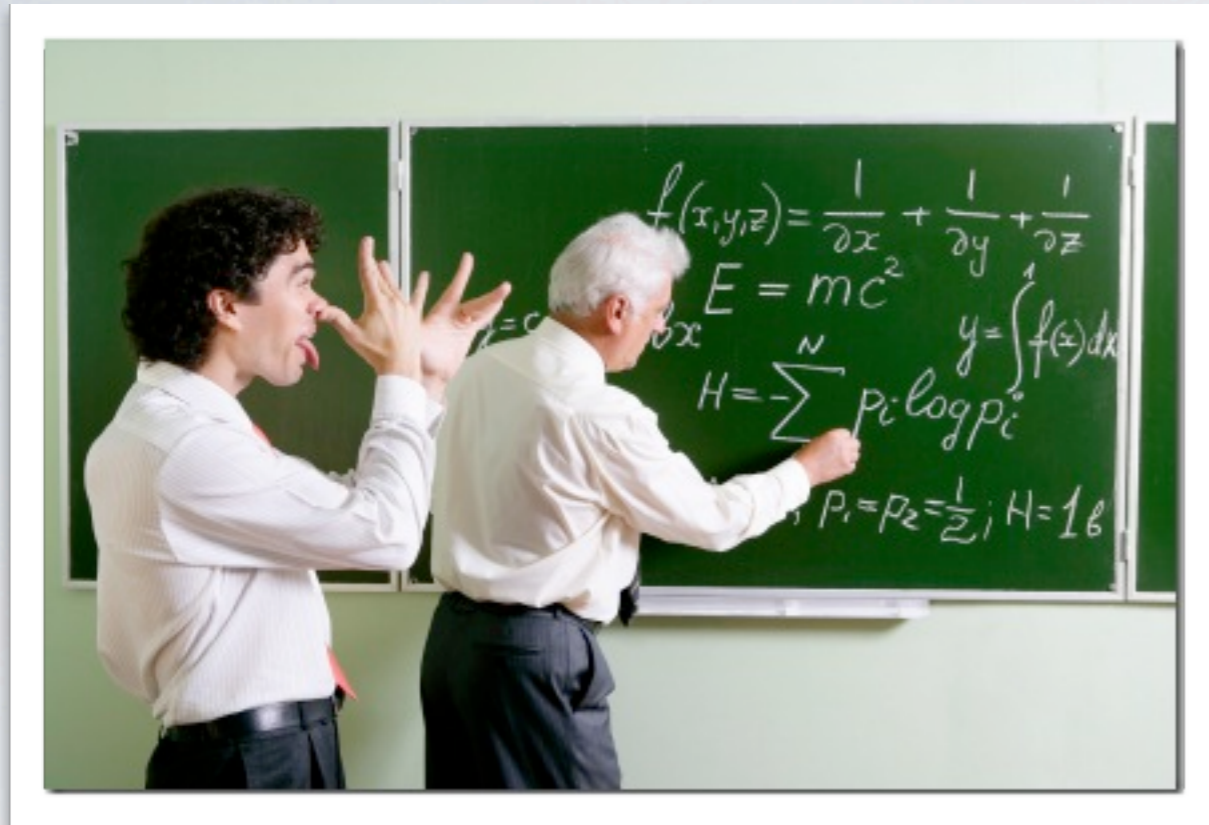
```
<cfcomponent name="LoggingAdvice" output="false">
  <cfproperty name="logbox" type="logbox" >
  <cffunction name="after" output="false">
    <cfargument name="aopEvent">
  </cffunction>

  <cffunction name="before" output="false">
    <cfargument name="aopEvent">
  </cffunction>

  <cffunction name="around" output="false">
    <cfargument name="aopEvent">
  </cffunction>
</cfcomponent>
```



# MockBox



- Standalone Stubbing Mocking Framework
- MXUnit Compatible
- ColdBox Applications enhancements
- Mock Methods & Properties
- Debug Counters and Call Logs
- Easily track method calls
- Method Spies
- Virtual Methods
- Object Stubs
- Specs??

# Major 3.0.0 Enhancements



- SES URL Mappings
  - Custom Regex Constraints
  - RESTful Enhancements - Map HTTP Methods to Actions
  - More Route Types
  - View Dispatching
  - Tracing & Debugging
- Interceptors
  - Can have aliases
  - Registered by annotations: `observe=true`
  - Can behave as servlets (`event.noExecution`)

# Major 3.0.0 Enhancements



- Programmatic Configuration, no more xml
- Core Extensions
  - Override Core Plugins
  - Have your own internal coldbox services
- New Plugins
  - MailService
  - JVMUtils, DateUtils, FileUtils
  - XMLConverter
  - ClusterStorage
- New Interceptors
  - ProxyBuilder
  - ReactorLoader

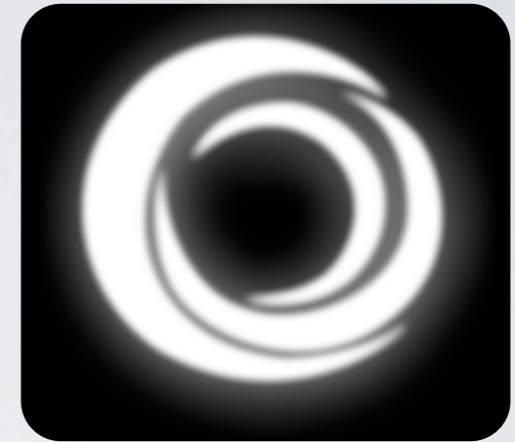
# Major 3.0.0 Enhancements



- Handler Enhancements
  - Default Action per Handler
  - HTTP Method Security
  - Performance
  - `onError()` listener
- Private Request Collection
- Enhanced Debugging & Tracing
- Skins Support by Conventions

# ColdBox Resources

- Official Site
  - <http://www.coldbox.org>
- Forums
  - <http://forums.coldbox.org>
- Wiki, Bugs, Trac Site
  - <http://ortus.svnrepository.com/coldbox>
- Google Group
  - <http://groups.google.com/group/coldbox>
- Training Courses
  - CBOX-100 (1-Day), CBOX-101 (2-Days)
  - <http://www.coldbox.org/index.cfm/training>



**Luis Majano &  
Ortus Solutions, Corp**  
[lmajano@coldbox.org](mailto:lmajano@coldbox.org)

Q & A



Thanks!