



# cfunited

A ColdFusion, Flex & AIR Conference

## Real World ColdSpring

Kurt Wiersma

<http://wiersmablog.com>

[kwiersma@mac.com](mailto:kwiersma@mac.com)

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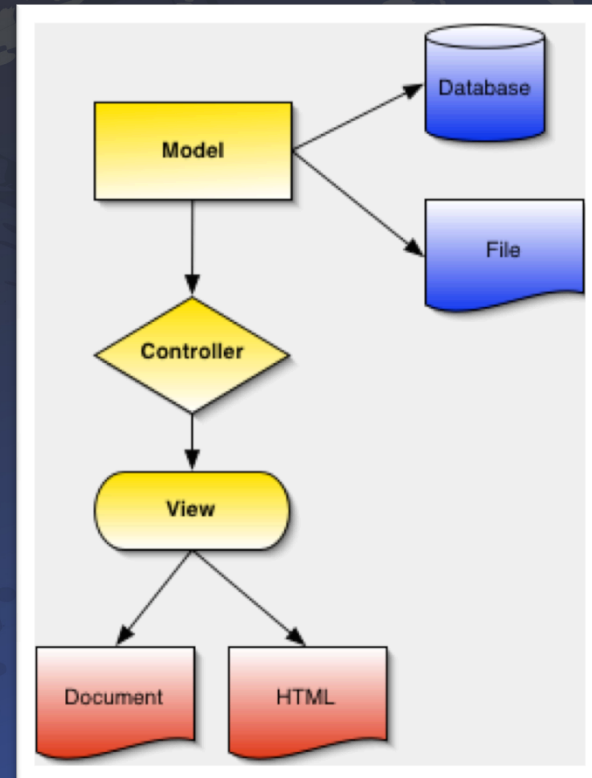
[www.cfunited.com](http://www.cfunited.com)

# Goals

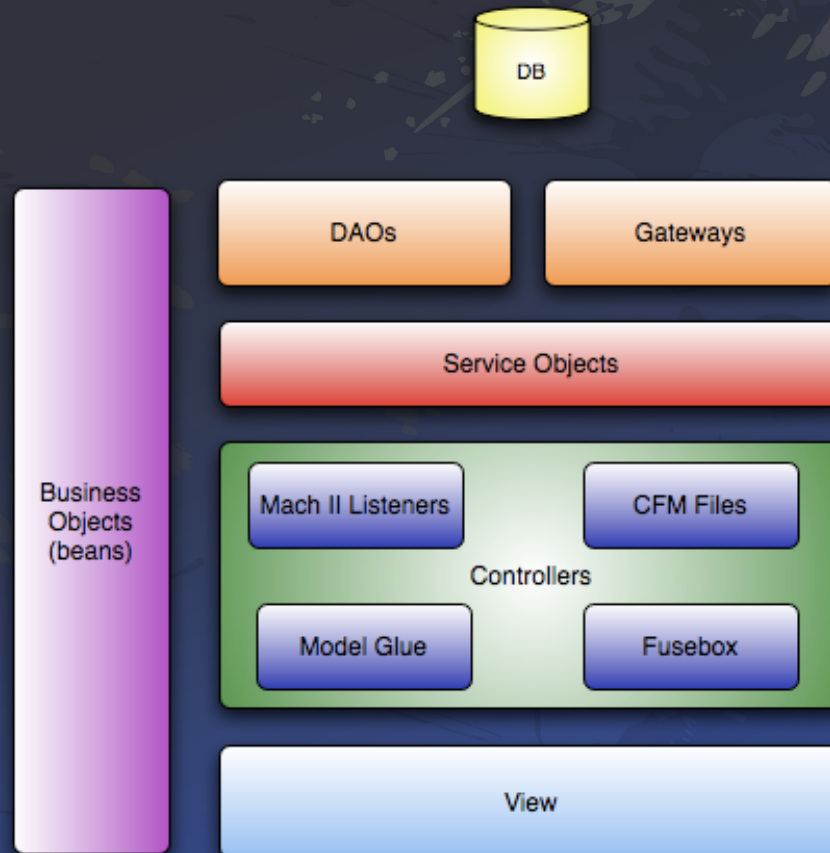
- Show how ColdSpring can be used to build better enterprise grade applications.
- Introducing a quick start application: Appbooster



# Introduction



# Typical App Architecture



# Life Before ColdSpring



# Life After ColdSpring



# ColdSpring Part 1

- ColdSpring's core focus is to make the configuration and dependencies of your CFCs easier to manage.
- ColdSpring consists of a container which can create and hold any object



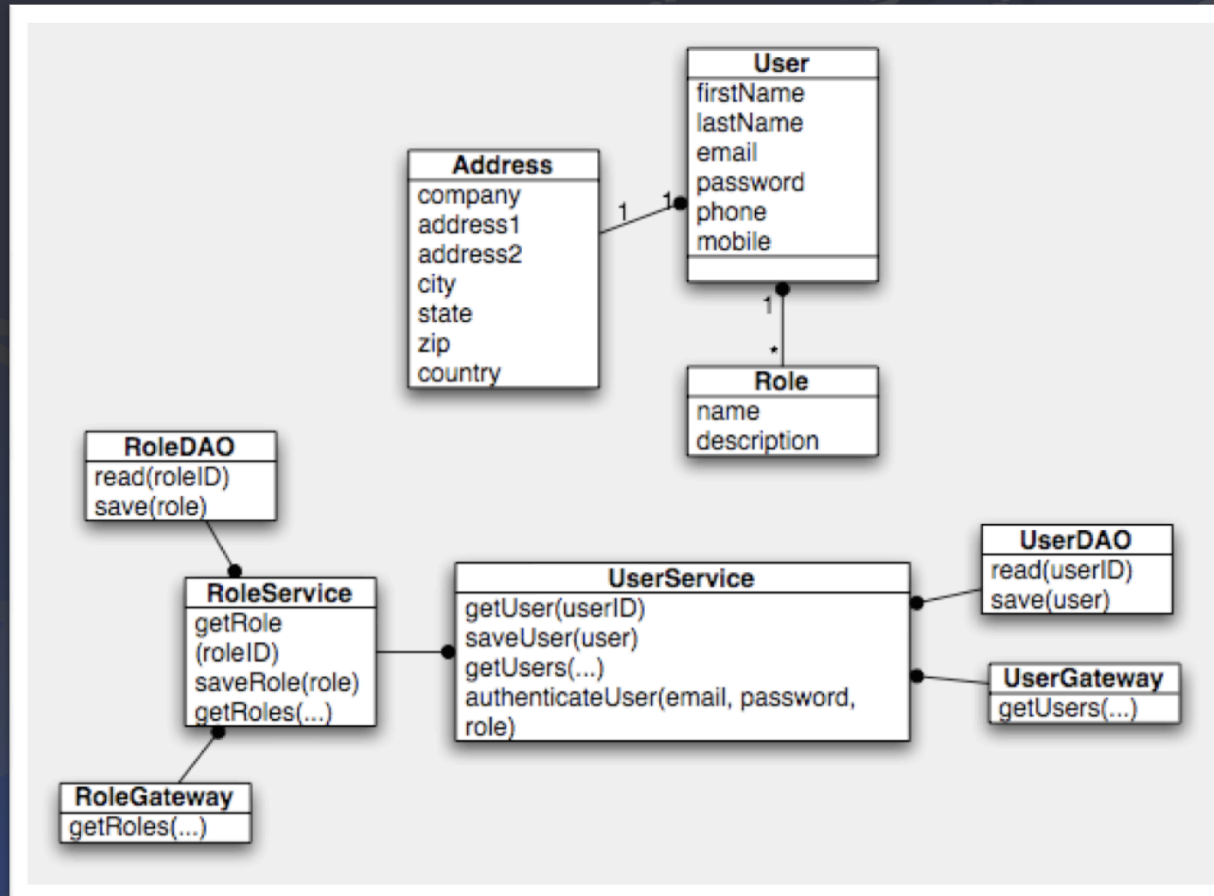
# ColdSpring Part 2



# Introducing AppBooster

- A sample Mach II and ColdSpring application developed with best practices.
- AppBooster gives your application a jump start
- Provides a simple model for users, addresses, and roles
- User authentication is implemented
- There is both a public and admin interface for managing users

# AppBooster Model

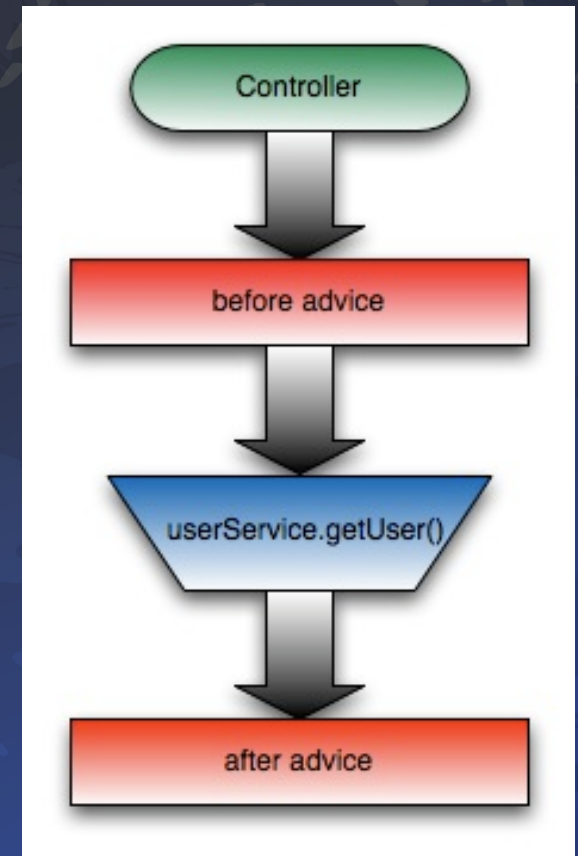


# ColdSpring Configuration

- AppBooster's ColdSpring xml configuration file demo

# Aspect Oriented Programming

- Allows you to intercept method calls and act before and/or after them
- Transparent to the method being called and to the code calling the method
- Useful for security, caching, logging, and generating remote services

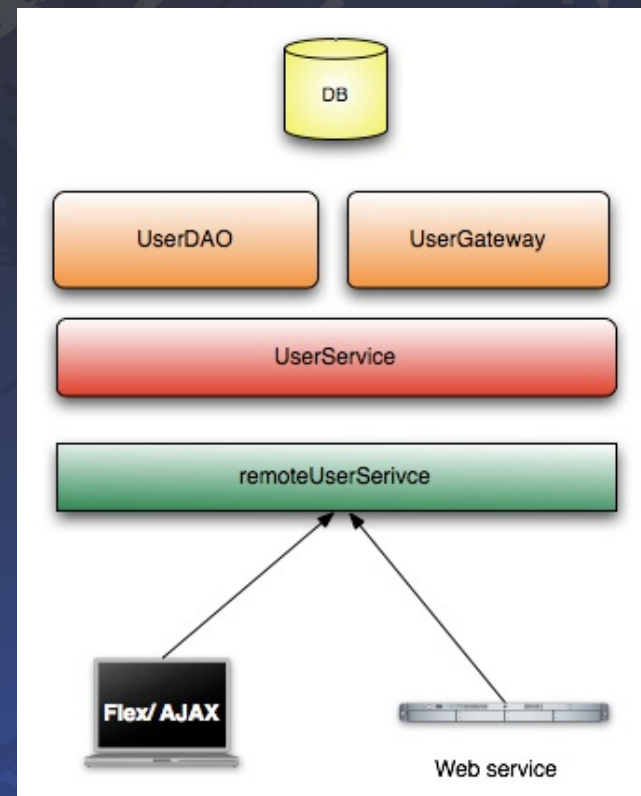


# AOP Demo

- Let's see AOP in action

# Remote Facades

- ColdSpring's remoteProxyFactory uses AOP to generate remote CFCs which can be called via web services or via Flex
- Easy to setup
- Use a service layer!



# Remote Façade Demo

- Here is a real example of Remote Façade use in AppBooster

# Recommendations

- Do a proof of concept
- You don't have to do it all at once
- Consider developing or using a code generator to speed development
- Favor setter injection over constructor injection
- Join the ColdSpring mailing list
- Read through the ColdSpring documentation

# Resources

- ColdSpring
  - <http://coldspringframework.org>
- Chris Scott's Blog
  - <http://cdscott.blogspot.com/>
- Brian Kotek's Blog
  - <http://www.briankotek.com/blog/>
- Aspect Oriented Programming
  - [http://en.wikipedia.org/wiki/Aspect-oriented\\_programming](http://en.wikipedia.org/wiki/Aspect-oriented_programming)

# Questions??

