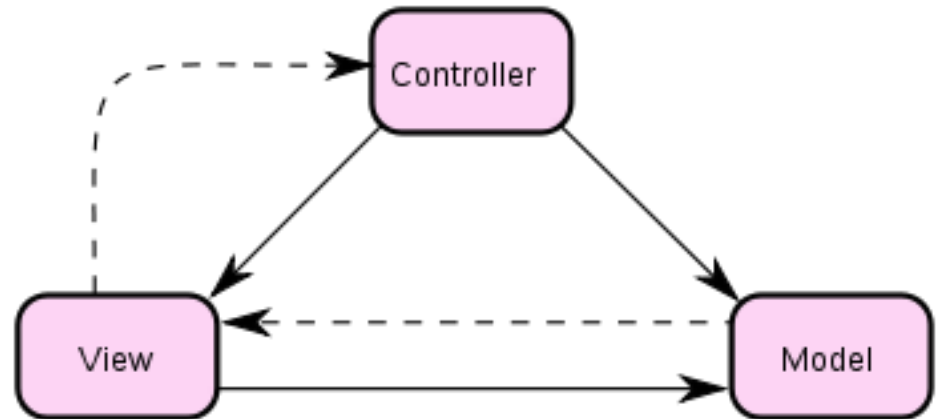


Simple MVC with



Model View Controller

- Model
 - Database Calls
 - Relationships
 - Business Rules
- View
 - User Interaction
- Controller
 - Traffic Cop



Business Rules

Model

- Data
 - Objects
 - Items
 - Tables
- Relationships
- Validation



Business Rules

Model
=
Web Service
=
API



User Interaction

View

=

html/css/js

Very little dynamic code

- Loops
- Sets
- IFs

First Name:

Last Name:

Email: We don't spam

Password: 6 or more characters

Re-enter Password:

Country:

Postal Code: Only your region will be public, not your postal code

I am currently: employed
 a business owner
 looking for work
 working independ
 a student

Company:

Title:

Industry: Choose the industry t

Education: (optional)

Dates Attended: to

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J.Y. Design/Portfolio

RingMaster Software Corporation

J.Y. Design worked with RingMaster Software on the design of their web-based applications including RingMaster Clone, APM and Backup/Restore. The goal was to create a unified look and architecture to integrate the modular products.

Web Application User Interface Design

Portfolio Samples:

- Adobe
- Axonon, Inc.
- Boston Software
- CADQ Century
- Carbon Design Systems
- Colossal
- Commonwealth Capital
- Connected
- Global Insight
- Hair Impact
- toBusiness
- InterSystems Corporation
- Kappa
- Knowledge Markets
- Minerva
- Milennial Media
- Nexus Associates
- NETPA
- Navigation Software
- QuickBuy
- Rational
- RingMaster Software
- Ruffalo ThruWood Corp.
- Student Universe
- WebBurn Group
- The WFN
- XI Capital

Traffic Cop

Controller

- Communicator
 - Model ~ View
- Security
 - Access Control
- Requests
 - Knows when to say 'Thank You'



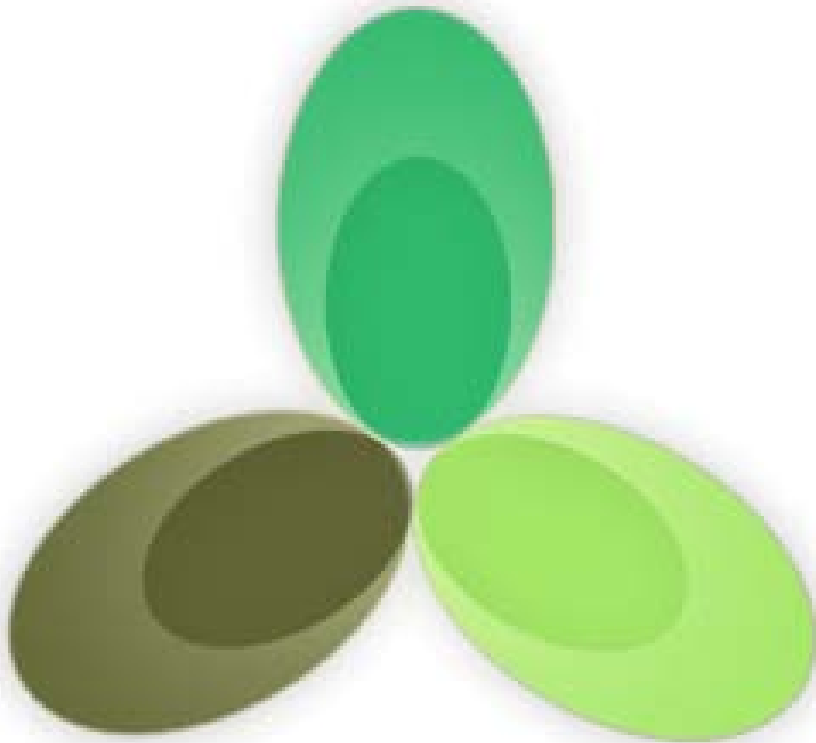
CRUD

Create →	INSERT
Read →	SELECT
Update →	UPDATE
Delete →	DELETE



(obligatory spaghetti picture)

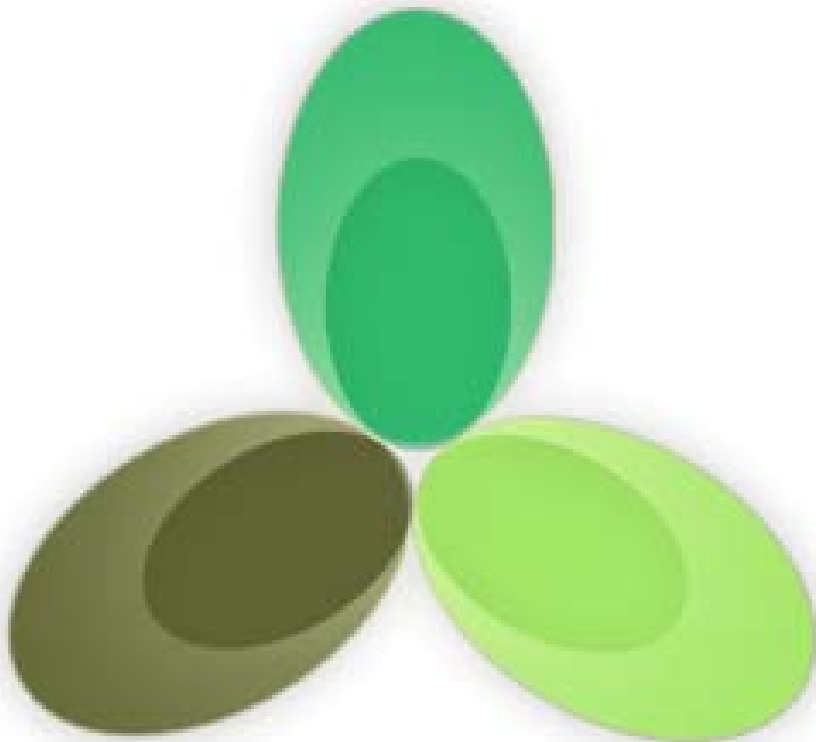
Framework One (FW/1)



- org/
- movies/
 - **controllers/**
 - layouts/
 - **services/**
 - **views/**
 - Application.cfc
 - index.cfm

Convention not Configuration

index.cfm?action=**section.item**



- movies/
 - controllers/
 - **section.cfc**
 - layouts/
 - services/
 - **section.cfc**
 - views/
 - **section/**
 - **item.cfm**
 - Application.cfc
 - index.cfm

Automatic Method Calls

- controllers/section.cfc : before()
- controllers/section.cfc : startItem()
- controllers/section.cfc : item()
- ~~services/section.cfc : item()~~
- (additional service calls)
- controllers/section.cfc : endItem()
- controllers/section.cfc : after()

Coding Nirvana



Objects?

A CFC for every record

rc.movies.MovieTitle

→ → →

rc.movies.getMovieTitle()

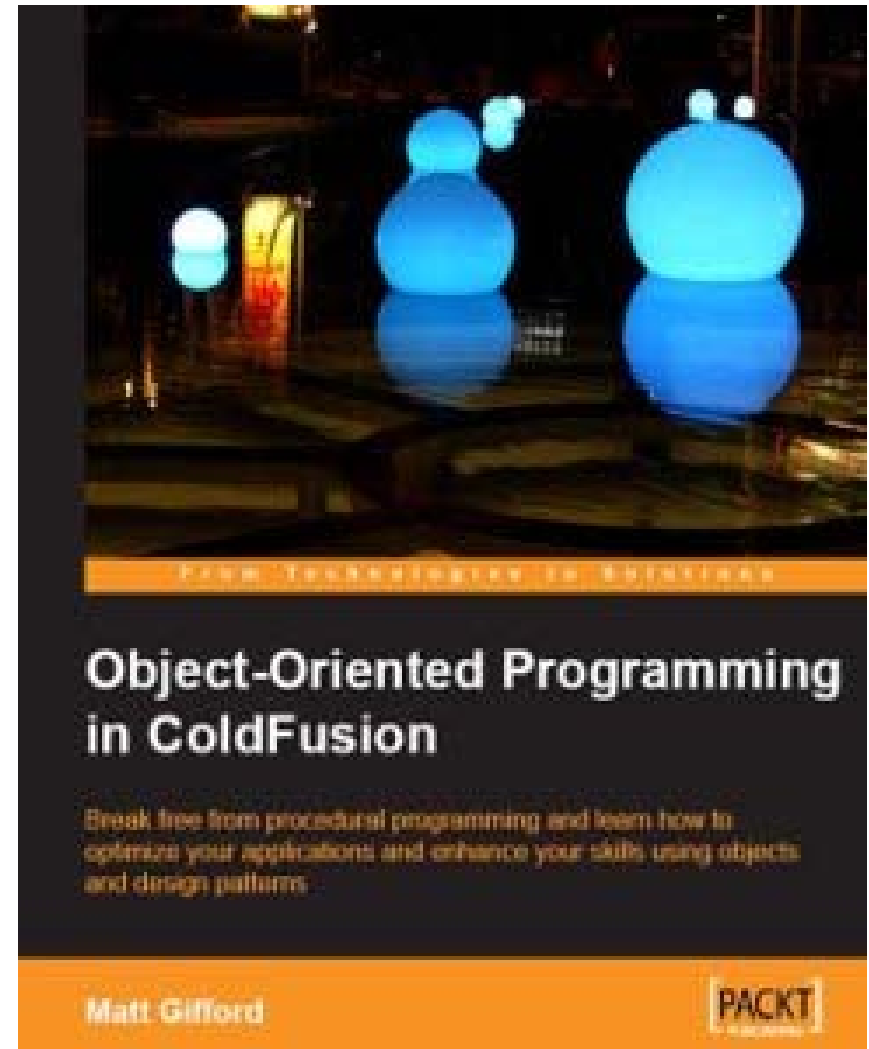
getters & setters



Beyond MVC

- Objects
- Design Patterns
- Dependency Injection

- Object-Oriented Programming in ColdFusion, Matt Gifford, Packt Publishing (October 13, 2010)



FW/1 Resources

<http://fw1.riaforge.org>

<http://wiki.github.com/seancorfield/fw1/>

<http://groups.google.com/group/framework-one/>

<http://corfield.org/blog/archives.cfm/category/fw1>

- Download the one page cheat sheet on github

- Contact
- Daria Norris
- cfGothChic.com
- [@cfGothChic](https://www.instagram.com/cfGothChic)