Ttime to release your content from its box!

ContentBox
Modular CMS

Who am I?

- Luis Majano - Computer Engineer

- Born in El Salvador ------------------->

- President of Ortus Solutions

- Manager of the IECFUG
  (www.iecfug.com)

- Creator of ColdBox, MockBox,
  LogBox, CacheBox, WireBox,
  ContentBox, or anything Box!

- Documentation Lover!
  Don't be a hater!

- @lmajano, @ortussolutions

Agenda

- Monolithic Apps Explained

- ContentBox Overview + Technology

- ColdBox Platform

- ContentBox Modularity

- Deployment + Scalability

- Features

- Cool Demo

Why ContentBox?

Monolithic Apps

ContentBox

extension points

custom views?

custom security?

Traditional
CMS/Blog/App
Custom Architecture

MVC?

Clustering?
Scalability?

Proxy

Modules?

External Apps

Monolithic Apps

- < flexibility & hard to extend
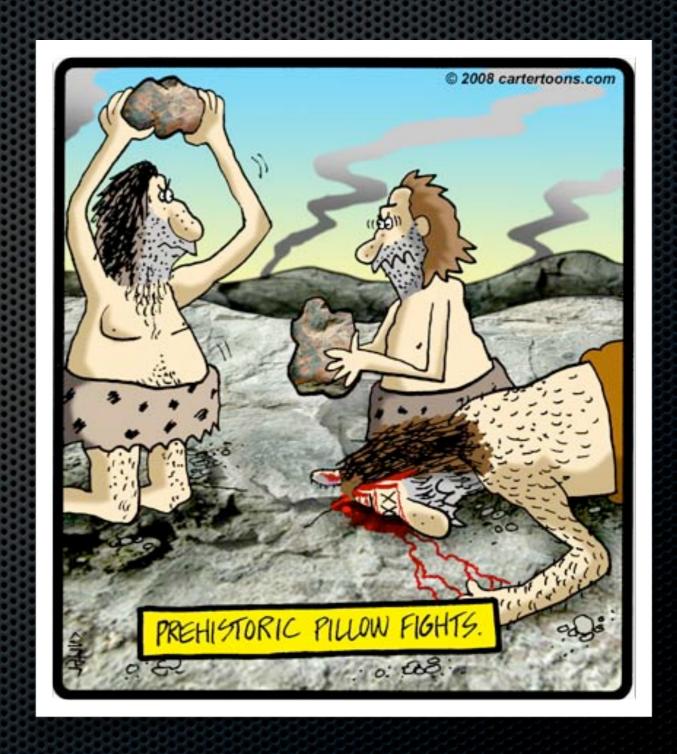
- MVC? OO? DI?

- Low performance

- Clustering-Scalability not a priority

- We want best of both worlds

  - Content Capabilities

  - Development Capabilities

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PREHISTORIC PILLOW FIGHTS.

ContentBox

- Modular CMS

- Powered by The ColdBox MVC Platform

- Built to **scale**, **cluster** and **deploy** securely

- Extensible via CFML + Groovy*

- Two License Types:

  - Professional Open Source - Apache 2

  - Commercial

- Public release August 2012
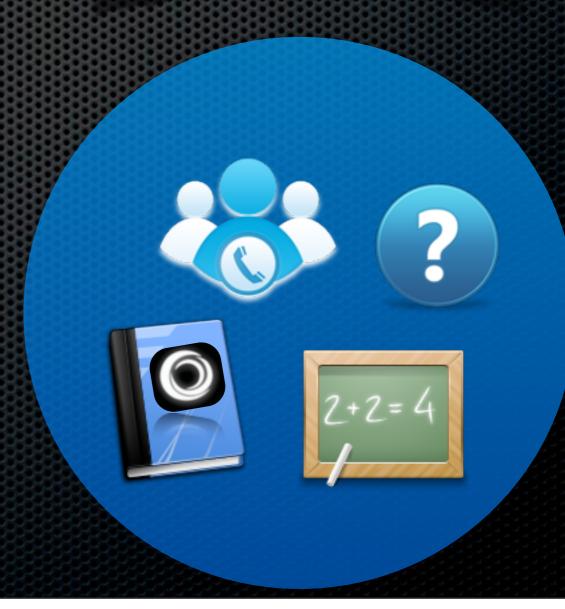
- Over 1900 downloads

www.gocontentbox.org

Professional Open Source

- Training

- Content Migrations & Strategy

- Support & Mentoring Plans

- Architecture & Design Sessions

- Module/Theme Development

- Salsa and Merengue dancing are optional

www.ortussolutions.com
consulting@ortussolutions.com

Under the hood

Foundation is Important

Scalability   Flexibility   Extensibility   Sanitability

Solid Foundation

De-facto standard for enterprise ColdFusion development

ColdBox Platform

- Professional Open Source

- Allows for modular development

- 1st Release in 2006 with over 23 major releases

- Active roadmap, collaboration & development

- Extensive documentation & printed books

- Over 96,000 downloads

ColdBox Users

Modularity is key!

ContentBox Modularity

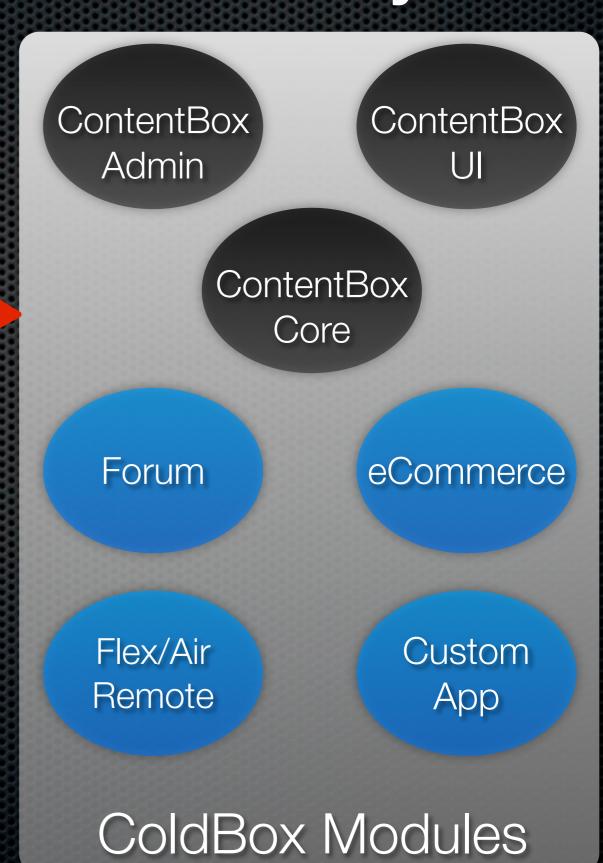ANY ColdBox MVC Application

ContentBox Admin

ContentBox UI
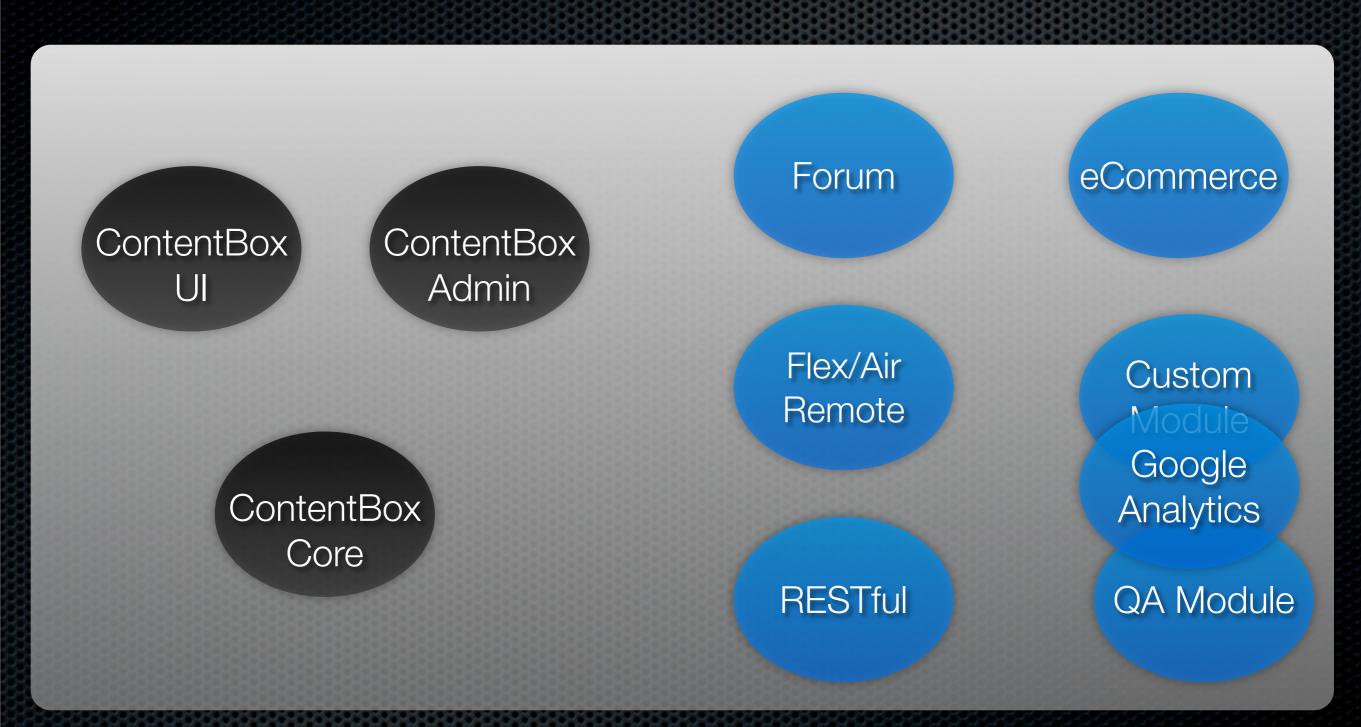
ContentBox Core

Forum

eCommerce

Events

Flex/Air Remote

Custom App

Custom Security

Plugins

Model

ColdBox Modules

Modular Architecture

ContentBox
UI

ContentBox
Admin

ContentBox
Core

Forum

Flex/Air
Remote

RESTful

eCommerce

Custom
Module

Google
Analytics

QA Module

Modular Deployment

Traditional Deployment
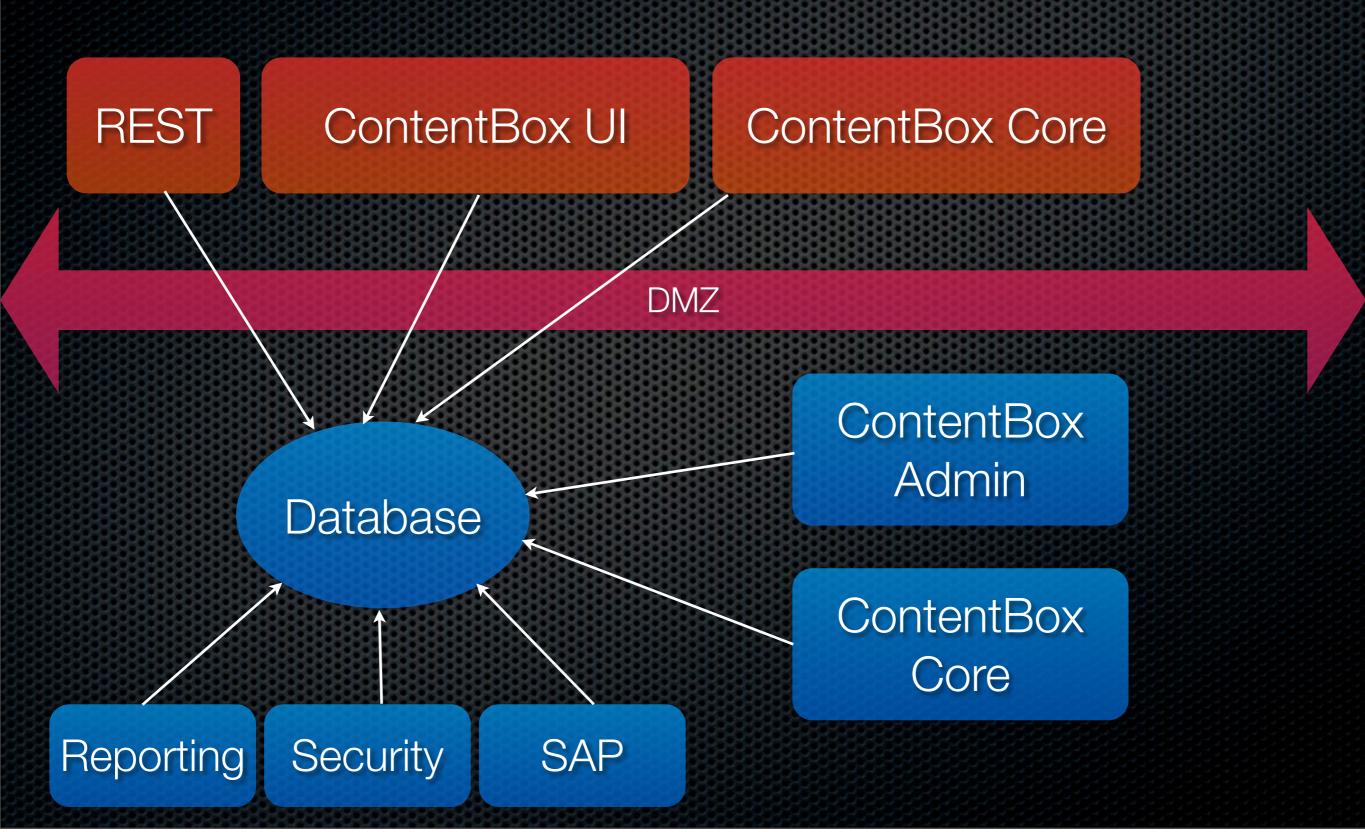
Monolithic APP, ADMIN, TOOLS, API

DMZ

Database

Modular Segregated Deployment

REST

ContentBox UI

ContentBox Core

DMZ

Database

ContentBox Admin

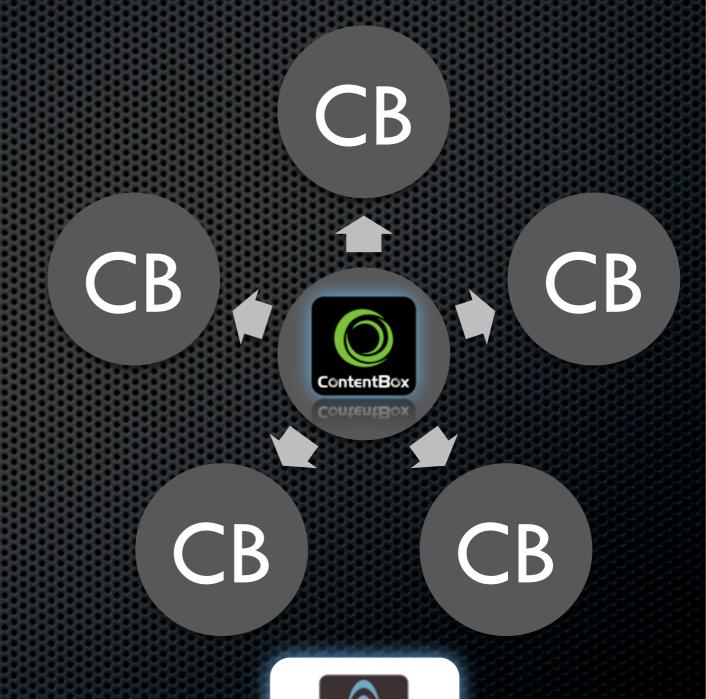ContentBox Core

Reporting

Security

SAP

Hosting

Scalable + Elastic

- Custom Cloud Deployment

- Cluster Aware via CacheBox +

  - EHCache Terracota

  - Memcache

  - CouchBase

  - Amazon ElastiCache*

- High Redundancy

ContentBox Goals

Solid Foundation

- J2EE/CFML
- ColdBox MVC
- Hibernate ORM
- OWASP XSS

Scalability + Performance

- CacheBox
- EHCache
- Modules
- Cluster Awareness

Flexibility

- MVC
- Modules
- OO ORM Model
- Event Driven

Editor Features

- WYSIWYG Multi-Editor**s**
- Blogging Capabilities
- Full skinning support
- Reusable content key value stores
- Publishing Scheduler
- Expiration Scheduler

- Automated menu builders
- Multiple layouts for content
- Content custom fields
- Content categorization
- Embedding CFML Code Widgets
- Integrated SEO fields

Manager Features

- Auto update
- Custom security firewall
- Permission/role based security
- Module control + maintenance
- Cache management
- Customizable email template
- Content Exporting: JSON/XML

- Management of content RSS feeds
- Comment moderation rules
- Site maintenance modes
- Media management
- Global HTML snippets
- Content version control

Developer Features

- Powered by ColdBox MVC
- ColdBox Hibernate ORM extensions
- OWASP AntiSamy XSS libraries
- Dependency Injection & AOP
- > 100 events to listen to
- Create custom content types

- Pluggable custom security & search
- Extensive caching granularity
- Modules, Plugins, Widgets, Themes
- Extend the UI+Administrator
- Geek Panel
- ContentBox as an API

Roadmap Modules

- **Slatwall eCommerce (Available Now!)**
  - github.com/Ortus-Solutions/slatwall-contentbox
- Live Workshop June 27th
  - getslatwall.com/blogs-news/slatwall-workshop/

Roadmap Modules

- **Slatwall eCommerce (Available Now!)**

- Codex Enterprise Wiki (In Beta)

- Multi-Site Domain Management (Under Development)

- Foundeo FuseGuard (Under Development)

- **Scheduled**

  - Standalone Apache Solr Search

  - Amazon S3 Media Manager + Provider
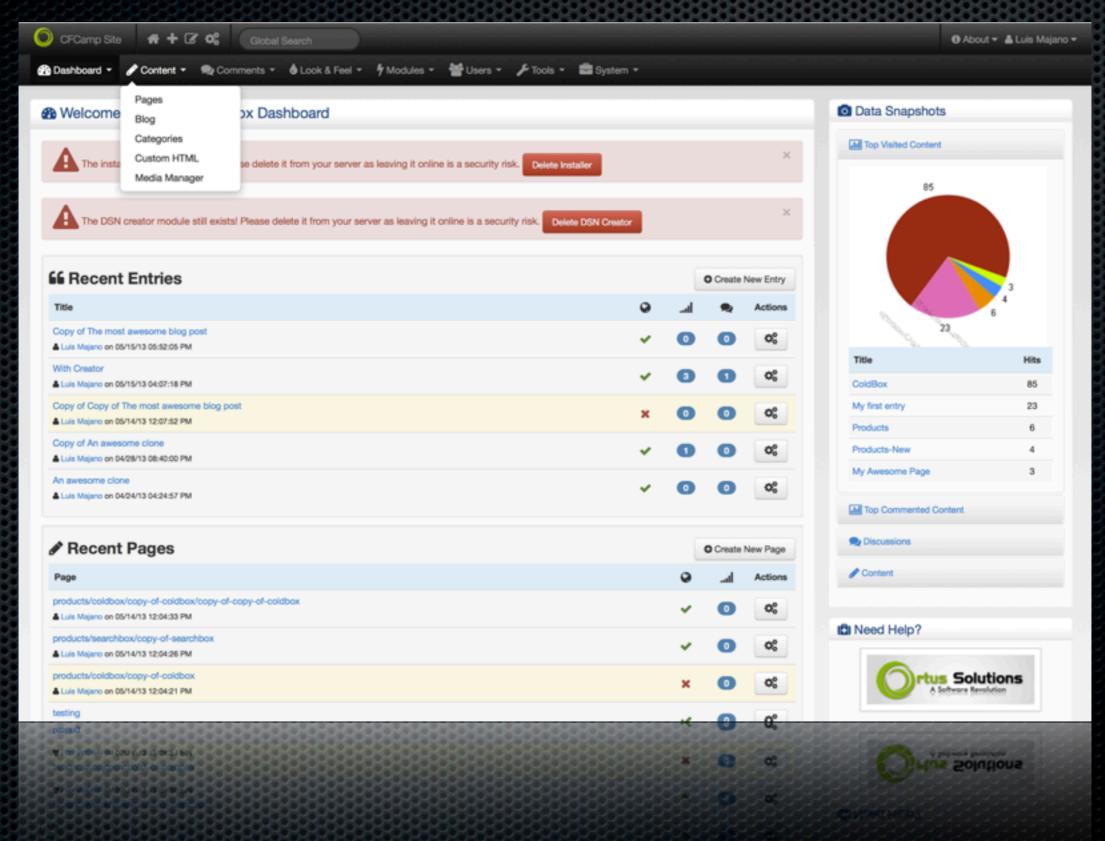
  - Razuna DAM (Digital Asset Manager)

Roadmap

- Minor releases every 30-45 days

- Patch releases available immediately if using support

- Multi-Domain Capabilities

- Content Security Assignments

- Workflow Engine

- Content Importing

- RESTful API

- ContentBox Cloud

- Few more surprises coming!

Quick Demo

Resources

1. **Download: www.gocontentbox.org/download**

2. **Code: github.com/ortus-solutions/ContentBox**

3. **Google Groups**

4. **info@gocontentbox.org**

5. **@gocontentbox**

6. **@ortussolutions**

Q & A

Thanks!