

JCatapult

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Agenda

- Introduction
- JCatapult Overview
- Technologies and Features
- Demo

Introduction

- Founder and President of Inversoft
 - Profanity Filtering
 - Development and build services
 - JCatapult support and components
- Creator of JCatapult project

JCatapult Overview

- Open source (Apache Source License v2)
- Hosted at Google
 - <http://www.jcatapult.org>
 - <http://code.google.com/p/jcatapult>
- Java web application development platform
- Component driven

It's a Platform NOT an MVC

- Glue code
- Services
- Build system
- etc
- NOT another MVC

Technologies (top-level)

- Struts 2
- Hibernate / JPA
- Guice
- Ant

Technologies (mid-level)

- Struts2 Convention Plugin
- SiteMesh
- XWork
- Commons Configuration
- JSP/JSTL
- FreeMarker
- Joda Time

Technologies (low-level)

- ASM
- Antlr
- CGLib
- Commons-*
- Java.net Commons
- OGNL
- Savant

Features (from frameworks)

- Convention based MVC
- Dependency Injection throughout entire app
- Robust build system with plugins and dependency management

Features (from JCatapult)

- True component support
- Environment aware configuration
- Scaffolding framework and tool
- Database migrations (with component support)
- Persistence API
- Email with templates
- Credit card processing
- Security framework

Features cont'd

- Common domain (money, etc)
- RESTful file manager with FCK support
- Common actions (months, years, countries)

Demo

- Build a webapp
- Add a page
- Add a domain
- Scaffold a CRUD
- Add a component