

Work with InterSystems.

Not separate systems.



Zen Update 2008

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INTERSYSTEMS

禪 What is Zen?



- A component-based framework for rapidly developing Rich Internet Applications (aka Web 2.0)
- An “AJAX” solution for Web development that offers much greater database connectivity
- A natural evolution of ISC’s CSP technology

● 禪 What is Zen?



- Pages and components are implemented as objects
- Page contents are defined using XML at design time
- Pages can define client or server-side methods
- Client and Server side synchronized DOM
- Style is provided via standard CSS
- Security and localization is built-in

禪 What is Zen?



- Zen includes a library of pre-defined components
 - Layout
 - Input
 - Grids
 - MVC Implementation
 - SVG Graphics
 - Reports



- Demonstration

Zen Background



- ISC Management Portal requirements
 - CSP Based
 - Zen's Precursor
- 2005
 - Roche Diagnostics
 - DTI
- 2007
 - Released in Cache 2007.1



- Cache Objects with a VB front end
- UI Revision in .Net - 2002
 - Scalability
 - Reuseability
- UI Version 2 - Java
 - Slow Development
 - Expensive
 - Inefficient
- UI Version 3 - Zen
 - 9 months from start to initial beta rollout



- New Media Distribution
- Sybase & .Net
- Converted to Cache via TSQL
- All new UI being implemented in Zen as of 2006
- Deployed in US, Germany and UK
- Mash-up of traditional Print media and Web publishing



- Pick Implementation converting to Cache
- Existing Roll and Scroll application
- 2 person project in 3 months to recreate the entire application in Zen
- Replicates all the functionality from the old app including special keystroke combos, mouse-less navigation

New Developments



- Shift - Pick Conversion
- Lipix - HealthShare composite application
- Users - Financial Services
- Ameritrade - Back Office suite consolidating an existing CSP and Weblink implementation
- ACC&S - Hospital PAS System
- Rhyme Systems - UK Var
- Management Solutions - Australian company working on financial solutions

Typical Zen Development



- Templates
- TablePanels tied to MVC Enabled Forms
- CSS Customization
- Some Custom Components based on the pre-built ones
- Data Driven!

What's Next?



- Cache 2008.2
 - New Client Side Layout Components
 - Drag and Drop
 - Active Desktop
 - Active Groups
 - “Pure” CSS based layout with no Table tags
 - “Windows” style menuing
 - Dedicated Zen Newsgroup
 - Ask Questions
 - Samples
 - Custom Components



- Demonstration



- Getting started with Zen
 - Improved Samples
 - Best Practices Guidelines
 - Enhanced Wizards that are MVC aware for generating functional pages

Beyond 2008.2 Con't



- Product Enhancements
 - More customer driven pre-built components
 - Graphical Layout Editor
 - Enhanced Report Features
 - Support for Pivot Tables
 - More flexible layouts
 - Driven by Deep See

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