Turbine2 UsersGuide

Turbine 2.x User's Guide

Overview

- Contributing to the manual
- Creating new pages
- Turbine Services
 - Overview
 - What Is A Service?
 - $^{\circ}~$ How To Write A Service
 - Fulcrum Services
 - What Fulcrum Is
 - Fulcrum's Future
 - Why Use A Fulcrum Service
 - Individual Services
 - Core Services (Not generally used directly)
 - *Assembler Broker Service
 - *Factory
 - *Velocity
 - *JSP
 - *Intake
 - *MimeType
 - *Pool
 - *Naming
 - *Pull
 - *RunData
 - "End User" Services (Used directly)
 - *Security
 - *XSLT
 - *Cache
 - *Logging
 - *Localization
 - *Upload
 - *XML-RPC
- Screens

 Screen Basics
 - Screens Are Not Templates, but Templates Use Screens
 - Fill The Context, And Nothing Else
 - ° Securing A Screen
 - Authorize, Fill The Context, And Nothing Else...
 - ° Organize Your Screens To Make Them Simpler
 - Consistently Work To Thin Your Screens
 - Raw Screen (ie. PDF, and File Downloads)
- Actions
 - Distinguish Actions From Screens
 - Redirecting Browser
 - Securing An Action
 - Action Events
 - Organize Your Actions
 - ° Consistently Work To Thin Your Actions
 - Preventing Double Submit of Forms
- Persistence Layer
 - Torque (Written with aim to contribute it to Torque)
 - About Peers
 - Building Criteria
 - Retrieve Objects
 - Update Objects
 - Delete Objects
 - Foreign Keys
 - Stored Procedures
 - Transactions
 - Database Vendor Specific Issues
 - *PostgreSQL
 - *Oracle
 - *MS SQL Server
- OJBIntake
 - ° Overview
 - What Intake Cannot Do
 - Intake.xml
 - Implementing Retrievable
 - Filling Forms (Screen-side)
 - Receiving Forms (Action-side)
 - Create An Intake Facade For Complex Forms
 - Troubleshooting
 - Future Intake Enhancements

- Presentation Layer
 - Velocity
 - Read the Velocity User's Manual ÷.
 - Screen Templates
 - Layout Templates
 - VelocityOnlyLayout VelocityECSLayout
 - Navigation Templates
 - Organizing Your Templates
 - Velocity Tips
 - Common Velocity Configuration Properties
 - Java Server Pages
 - Turbine Skins UIManager
- Uploading Files
 - Use The Latest Turbine, Or Apply The Patches
 - Turbine Upload Service
 Troubleshooting
- Turbine Security
 - Groups, Roles, Permissions and Users
 - Extending TurbineUser
 Using Other Security Implementations:
 - - Henning's Fulcrum Security Proposal Windows NT Authentication

 - JAAS
 - Not Using Turbine Security
 - Completely Replacing TurbineSecurity
- Pull
- Why Pull?
- About Pull Tools
- Distinguishing The Scopes
 Loging-In And Maintaining Session Tools
- Strategies For Multiple Views/Sites
 - Organizing Your Layout Tree
 Organizing Your Screen Tree
 XML-RPC Interfaces
- Logging

 Common Log4J Startup Errors
 Creating Your Own Log Categories
- •
- Testing your Turbine application ° With Cactus

 - With JUnit
 - With HttpUnit
 - With WebTest
- Turbine in a Production Environment