



VoiceConsole 3.0 Web Services Review and Wrap Up

- Review
 - Web Services Overview
 - Java and Web Services
 - VoiceConsole and Web Services
 - Course Demo App
 - Development Environment
 - Operator Methods
- Wrap Up
 - To Be Continued ...
 - Questions and Answers

- Service Oriented Architecture (SOA)
- XML and HTTP
- XML-RPC
- SOAP
- WSDL
- For Our Purposes
 - XML over HTTP
 - No WSDL files in this class
 - SOAP request formatting handled by libraries

- Why Java?
- Good-to-Know Acronyms
- Apache SOAP, Axis, Axis2 and CXF
- Sun Microsystems JAX-WS
- For Our Purposes
 - SOAP 1.0
 - Axis 1.x
 - No WSDL
 - No data binding

- Vocollect System Architecture
- VoiceConsole 3.0 Overview
- Why Web Services with VoiceConsole?
- Voice Console Web Services
- For Our Purposes
 - VoiceConsole running in a VMWare image
 - Develop a system integration with a basic employee management web application
 - Perform operations on operators

- Demo App Architecture
- Frameworks (maven, spring, hibernate, struts and sitemesh)
- Where VoiceConsole Fits In
- For Our Purposes
 - Maven will pull down all dependencies
 - Spring for easy access to hibernate and
 - Hibernate for transparent POJO storage
 - Struts for MVC handling
 - Sitemesh for HTML templates

- Java IDE and JVM
- Eclipse Plugins
 - m2eclipse
 - subclipse
 - Sysdeo Tomcat plugin
 - Web Services Console
- For Our Purposes
 - Eclipse + plugins = faster, better development

- Create, fetch, modify and delete operators
- Integrated with minimal changes to the existing application
- To Be Continued ...
 - Full course covers all available methods of VoiceConsole web services through hands-on integration development
 - It is a two day course, going more in-depth on technology and frameworks

Questions and Answers

