



WEB 302

WebRAD: Build Web Applications Efficiently with VFP

**Whil Hentzen
Hentzenwerke Corp.**

Visual FoxPro DevCon 2000

Who Am I?

- ◆ Hentzenwerke Corp. (17 yrs)
- ◆ Editor, FoxTalk
- ◆ Author (6 books)
- ◆ Publisher, The Essentials for Visual FoxPro
- ◆ Ask me about my kids

Purpose of this Session

- ◆ Define “RAD” in 2000+
- ◆ Framework for building Web applications
- ◆ Process for building Web applications

RAD in 2000+

- ◆ **Formal definition – James Martin**
- ◆ **For today: Building applications quickly in a reliable, repeatable fashion**

So how do you do it?

With tools that satisfy these requirements:

- ◆ **You know how to use**
- ◆ **Mature and reliable**
- ◆ **Well documented and easy to use**
- ◆ **Do the work for you**
- ◆ **Avoid mistakes**
- ◆ **Find mistakes you make**
- ◆ **Large support groups**

RAD vs. State of the Art

- ◆ **Advantages/disadvantages of RAD**
- ◆ **Advantages/disadvantages of State of the Art**
- ◆ **Don't confuse the two!**

How a Web Application Runs

- ◆ How a Web Server Works
- ◆ Web Server Hardware and Software
- ◆ Connector
- ◆ Your Application
- ◆ Data
- ◆ During a Hit

Setting up a Development Server

- ◆ Web Server
- ◆ Web Connection
- ◆ Setting up your development structure
- ◆ Mapping to the live server

The Web Development Process

- ◆ Lay out pages (simple ones!)
- ◆ Develop logic inside the page
- ◆ Build a program for each page
- ◆ Build the EXE
- ◆ Run the EXE
- ◆ Call the starting page of the project
- ◆ Create shortcuts for commonly used pieces

Sample Application

- ◆ Online store description
- ◆ Main page
- ◆ Customer information
- ◆ Select items
- ◆ Shipping method and charges
- ◆ Order verification
- ◆ Payment processing
- ◆ Order confirmation

Architecture of a Page

- ◆ Request vars from previous page
- ◆ Update session vars
- ◆ Database hit
- ◆ Calculations
- ◆ Configure input fields
- ◆ Define the form action
- ◆ Present the page

Re-architecting

- ◆ Wrapper calls for database hits
- ◆ Framework functions for UI
- ◆ Encapsulate business logic in functions, classes, or components

ADVISOR DevCon Web Update Page

<http://www.Advisor.com/CMF0009update>

**This session WILL
have updates.**

Thank-You-Good-Night!

**Please remember to fill out your
evaluation.**