



# Course XXX-07

Using Visual InterDev and VFP

Whil Hentzen

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Visual FoxPro DevCon 98

# About Me

- ◆ Hentzenwerke Corp. (15 yrs)
- ◆ Editor, FoxTalk
- ◆ Author (6 books), including VFP 6 Fundamentals & 1999 DevGuide
- ◆ Publisher, The Essentials for VFP 6
- ◆ Awesome wife & 3 (so far) kids

# Session Goals

- ◆ Provide a framework and structure to create web-based database applications
- ◆ Provide a quick start through the laborious installation and setup process
- ◆ Provide a straight-line path to follow for your first apps

# Session Requirements

- ◆ Rudimentary knowledge of VFP programming
- ◆ No prior knowledge of Visual Interdev
- ◆ End-user experience with the Web

# Session Roadmap

- ◆ ASP demo
- ◆ Server side access to data
- ◆ Production and development site plumbing
- ◆ Up close and personal with VI
- ◆ Connecting to data through VI
- ◆ Advanced capabilities
- ◆ Where to go next

# Where Are We Going?

- ◆ **Web site demo**
- ◆ **Query**
- ◆ **Edit and manipulate**
- ◆ **Add/delete**

# Server Access to Data

- ◆ **Browser (client) sends request to webserver**
- ◆ **Webserver sends request to database server**
- ◆ **Database server dishes up data to webserver**
- ◆ **Webserver returns results to client**
- ◆ **What's wrong with this picture?**

# Plumbing

- ◆ **Data access architecture**
- ◆ **Production site requirements**
- ◆ **Development software**
- ◆ **Hints**



# Plumbing

- ◆ **Data access architecture**
  - **Can access any data with ADO**
  - **Separate database server optional**
  
- ◆ **Client requirements**
  - **Browser**

# Plumbing

- ◆ **Production site**
  - **NT4, SP3, OP**
  - **IE4**
  - **VS6**
  - **FP extensions**
  - **Where to get this stuff?**

# Plumbing

- ◆ **Development site - Server**
  - **NT4, SP3, OP**
  - **IE4**
  - **VS6**
  - **FP extensions**
- ◆ **Development site - Workstation**
  - **Same**
  - **VI - VFP - FP - MSDN**
- ◆ **Where to get this stuff?**

# Plumbing

- ◆ **Hints...**
  - **Start with a clean install**
  - **Mentally prepare for multiple installs**
  - **Document what you do and what you have done**

# What is Visual InterDev, Anyway?

- ◆ IDE and tools to build database applications for the Web
- ◆ Data environment
- ◆ Database project tools
- ◆ Inherently multi-developer!

# The VI Interface and Tools

- ◆ **Toolbox**
  - **Multiple tabs**
- ◆ **Project explorer**
- ◆ **Property window**
- ◆ **HTML editor**
  - **Multiple views**

# Visual InterDev Structure

## ◆ Plumbing

- Server and WS have mirrored sites
- You work on local
- You send changes to master
- Development tools on local
- VI handles updating and conflicts

# Visual InterDev Structure

- ◆ **Application Hierarchy**
  - **Solution**
  - **Project(s)**
  - **Start page**
  - **GLOBAL.ASA**
  - **Components**
  - **Data**



# Creating a Project

- ◆ **File, New Project**
- ◆ **Wizard**
- ◆ **Where is that server?**
- ◆ **Master vs. local**
- ◆ **Copying files**
- ◆ **Create and identify start page**

# Connecting to Data

- ◆ **Add a data connection to project**
- ◆ **Add a data command to project**
- ◆ **Drag command to page**
- ◆ **Drag fields to page**
- ◆ **Properties**
- ◆ **Run**

# Manipulating Data

- ◆ **Manipulating existing data**
- ◆ **Editing**
- ◆ **Adding/deleting**
- ◆ **Script**

# More Capabilities

- ◆ **Stored procedures and triggers**
- ◆ **Grids**
- ◆ **Data object model and recordsets**

# Where next?

- ◆ IIS and VFP session
- ◆ MSDN
- ◆ Knowledge Base
- ◆ [www.microsoft.com](http://www.microsoft.com)
- ◆ 280 Internet-related periodicals
- ◆ 4000 Internet books

**thank-you-good-night**