



Oracle/Unix Scripting Tips/Techniques

2-Day Workshop

Give your technical staff that competitive edge with this local Oracle/Unix Workshop. This course is full of tips and techniques for the novice and experienced developer/DBA. Topics are supplemented with hands-on lab exercises.

Topics covered:

- Introduction to 'tools of the trade' – various editors in Today's scripting world
- Introduction to shell programming
- SQL*Plus Reporting and Web reporting techniques
- SQL creating SQL
- Building Oracle data-driven scripts
- Unix Shell Programming
 - Paging Script
 - Monitoring Scripts
 - Scripts to Automate Repetitive tasks
 - Oracle/Unix Shell Techniques

Lectures and topics are enhanced with live illustrations and hands-on exercises

Attendees Receive:

- Study guide with presentations and relevant white papers
- Book: Oracle8i from Scratch ****or**** Oracle9i by Example
- Opportunity to ask the tough Oracle questions
- A hands-on opportunity to learn more about Oracle & Unix

About Dan Hotka:

Dan Hotka is a Training Specialist who has over 25 years in the computer industry and over 20 years of experience with Oracle products. He is an internationally recognized Oracle expert with Oracle experience dating back to the Oracle V4.0 days. Dan's latest book (co-author) is the Oracle10g on Linux by Oracle Press. He is the author of Oracle Utilities Pocket Reference by O'Reilly, Oracle9i Development By Example and Oracle8i from Scratch by Que and has co-authored 6 other popular books. He is frequently published in Oracle trade journals, and regularly speaks at Oracle conferences and user groups around the world. Visit his website at www.DanHotka.com. Dan can be reached at dhotka@earthlink.net.



Course Outline:

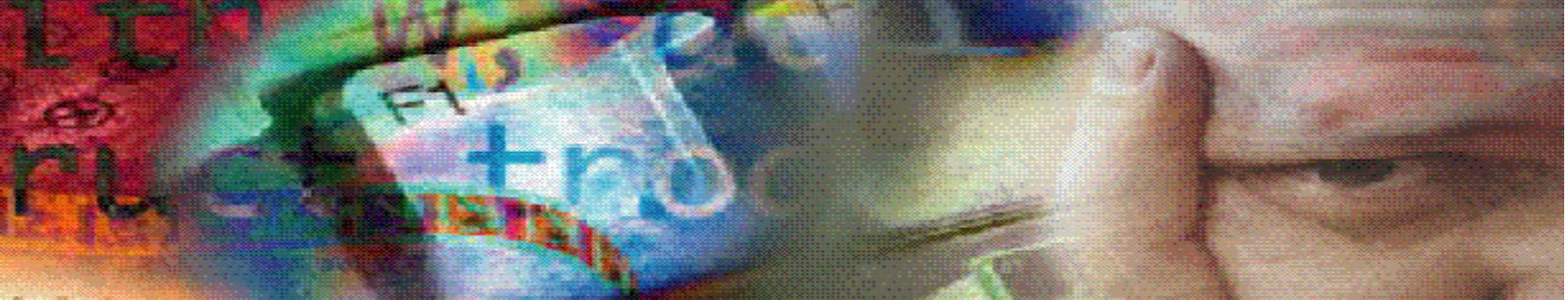
The class exercises all build on themselves. What is learned in Day 1 will be used and enhanced in Day 2. All coding examples will be provided. Students will have the opportunity to learn by doing. This course utilizes an Oracle9i Database.

- **Day 1: Oracle Scripting Techniques**

- Introduction to 'vi', Textpad, SQL*Plus, Golden
 - Includes Tips and Techniques for the experienced, provides a working knowledge for those new to Unix
- Introduction to shell programming
 - Discussion of the various Unix commands, where to find additional help, and shell programming structures such as parameter passing, environment settings, looping, and if-then-else
- Oracle SQL Reporting Techniques
 - SQL*Plus formatting commands are useful for creating a variety of character-mode and web-based reporting. A variety of formatting techniques will be introduced.
- Oracle SQL creating SQL
 - SQL*Plus is also useful for creating SQL scripts. These techniques are useful to make sure scripts contain current information.
- Oracle data-driven scripting techniques
 - SQL*Plus variable handling is also useful for creating SQL and shell scripts based on data within the database. These techniques can be used to automate many types of repetitive tasks.

- **Day 2: Shell Programming**

- Shell Techniques
 - Variable Handling
 - Builds on Day 1 SQL*Plus scripts to provide Oracle Monitoring
 - Includes Paging, and Utility scripting techniques
- Unix Shell Scripting meets Oracle RDBMS
 - Mixing Unix and Oracle commands for unique results
 - Integrates Day 1 SQL*Plus scripts into Unix shell scripts for better control, error handling, etc.
 - Illustrates how to check Oracle tasks for success or failure
- Using Unix Cron to schedule these Oracle scripts



Reference from one client to a prospective client (Fall 2003):

As Coordinator of Human Resources Development, I oversee training and development for all of our employees (approximately 1400 employees).

In May of this year, I hired Dan Hotka as an independent contractor to train 36 of our programmers on our campus. Dan worked with one of our IT managers and myself to customize a SQL Tuning and Troubleshooting program that would meet our specific training needs.

The resulting program exceeded our expectations, and our employees came out of the training with skills that they were able to immediately apply to their jobs.

From my perspective, one of Dan's greatest strengths as a trainer is that he has real world experience using the software. He's not just a trainer who has learned the software and teaches a class. When I contract with a trainer, I expect him to be able to answer specific questions that our employees have about the work they are doing. Dan was able to take on that consulting role and apply the software to the work we are doing here.

We have recently approved our development plans for FY04, and I am certain that we will be working with Dan to develop training programs again this year. I would most definitely recommend Dan Hotka to our best clients because of the real world experience he brings to the classroom and his willingness to meet our specific training needs.

Regards,

*(name and company withheld by request)
Coordinator Human Resources Development
not-for-profit organization
Iowa City, IA*