



Oracle/Unix Scripting Tips/Techniques

1-Day Seminar

Give your technical staff that competitive edge with this local Oracle/Unix Workshop. This seminar is full of tips and techniques for the novice and experienced developer/DBA. Topics are supplemented with white paper and code examples.

Dan Hotka is an Authored Oracle expert who shares his various scripting tips and techniques in this unique opportunity. Dan has discovered undocumented workings of SQL*Plus, developed useful SQL*Plus scripting techniques, and has mixed these techniques to solve business/development issues. Dan then demonstrates various UNIX shell scripting techniques, showing how to develop reports using AWK, extracting information from Oracle and sending it to a pager, as well as a unique mix of Oracle string functions from a UNIX shell script useful to automate error recovery.

Dan will demonstrate these techniques as well as provide the various scripts demonstrated. Dan will also share ideas on how variations of these scripts can be used to solve issues facing your business units, development environments, and DBA staff.

Topics covered:

- SQL*Plus Scripting techniques
- SQL*Plus Reporting and Web reporting techniques
- SQL creating SQL
- Building Oracle data-driven scripts
- Unix Shell Programming
 - Monitoring Scripts
 - Scripts to Automate Repetitive tasks
 - Oracle/Unix Shell Techniques

Lectures and topics are enhanced with live illustrations

Attendees Receive:

- Study guide with presentations and relevant white papers
- Opportunity to ask the tough Oracle questions
- Opportunity to learn more about Oracle & Unix

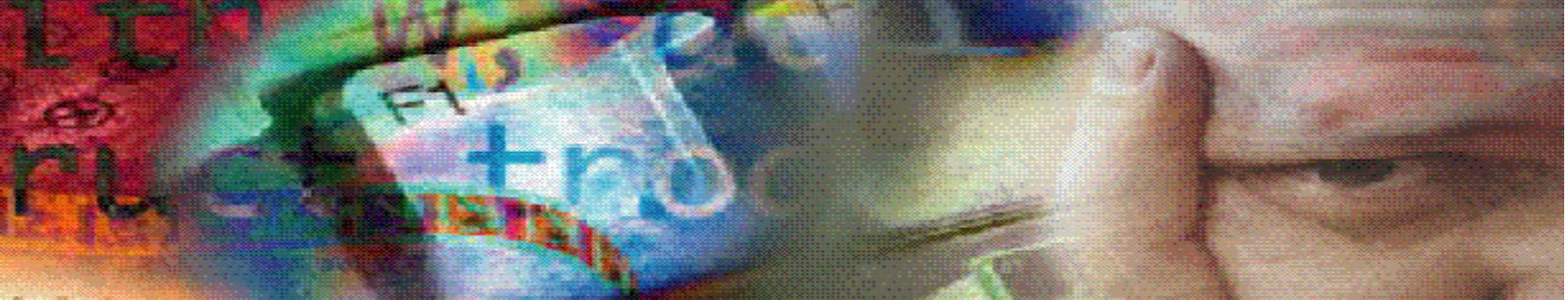


Course Outline:

The SQL*Plus scripts and techniques will work well with most implementations of Oracle (regardless of operating-system environments) except where noted and the scripting techniques will work well with most UNIX/Linux implementations of the bourn, korn, and bash shells.

- **Oracle Scripting Techniques (am session)**
 - SQL*Plus Scripting Techniques
 - Various techniques for displaying and allowing script operators to make choices interactively.
 - Includes a discussion on newer SQL*Plus features introduced in Oracle9i and 10g.
 - 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.

- **Shell Programming (pm session)**
 - Shell Techniques
 - Variable Handling
 - Techniques for running SQL*Plus from within shell scripts
 - 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 am session SQL*Plus scripts into Unix shell scripts for better control, error handling, etc.
 - Illustrates how to check Oracle tasks for success or failure
 - Discussion on using UNIX/Linux Cron to schedule these Oracle scripts



About Dan Hotka:

Dan Hotka is a Training Specialist who has over 24 years in the computer industry and over 19 years experience with Oracle products. He is an internationally recognized Oracle expert with Oracle experience dating back to the Oracle V4.0 days. His current book, [TOAD Handbook](#) by SAMS is now available on www.Amazon.com. He is also the author of [Oracle9i Development By Example](#) and [Oracle8i from Scratch](#) by Que and has co-authored 5 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.

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*