



Oracle/Unix Scripting Tips/Techniques

3-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
- Opportunity to ask the tough Oracle questions
- A hands-on opportunity to learn more about Oracle & Unix

Course Outline:

The class exercises all build on themselves. All coding examples will be provided. Students will have the opportunity to learn by doing. This course utilizes an Oracle9i Database.

- **Oracle Scripting Techniques**
 - Introduction to 'vi', Textpad, SQL*Plus, TOAD
 - 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.
- 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

About Dan Hotka:

Dan Hotka is a Training Specialist who has over 31 years in the computer industry and over 26 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 is the [TOAD Handbook](#) by Pearson. He is also the author of [SQL Developer Handbook](#) by Oracle Press, [SQL Developer Handbook](#) by Oracle Press, [Oracle9i Development By Example](#), and [Oracle8i from Scratch](#) by Que and has co-authored 7 other popular books including the [Database Oracle10g Linux Administration](#) by Oracle Press. 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.

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