

# SQL TUNING MASTER CLASS WITH CARLOS SIERRA

February 19–20, CarrAmerica Conference Center, Pleasanton

Register at <https://nocoug.wildapricot.org/Events?eventId=605183>

Do you write or tune SQL statements in your job? Are you a Looney Tuner? A SQL Sinner? Do you yearn to learn the secrets of SQL performance? Are you looking for a guru to dispel the clouds of confusion? Who better than the guy who created the tools used by Oracle Support to tune troublesome SQL? You're right, we're talking about the one, the only Carlos Sierra, the author of SQLTXPLAIN, TRCA (aka "TKPROF on Steroids"), and SQLHC (SQL Health Check). On February 19, Carlos Sierra will deplane at NoCOUG to conduct an intensive two-day master class featuring all his awesome tools. Did we mention that these are the same tools that are used by Oracle Support to tune troublesome SQL?

## Day 1: Statistics and Execution Plans

Statistics: Foundations  
Statistics: Good Practices  
Event 10053: Tracing the CBO  
Adaptive Cursor Sharing (ACS)  
SQL Plan Management (SPM)

## Day 2: Some SQL Tuning Tools

Event 10046: Tracing the Execution  
Trace Analyzer (TRCA)  
SQLTXPLAIN (SQLT)  
SQL Health-Check (SQLHC)  
SQL Tuning Test Case Implementation



CARLOS SIERRA began his IT career in the late 70s while still a teenager working part-time at his college's data center. Ever since, he has been developing code. Some time ago it was large applications for UNISYS mainframes. More recently it was internal applications for Oracle itself. His experience in the applications world goes from structural engineering to manufacturing systems, from payroll to judiciary systems, from small companies to large enterprises, from UNISYS to Oracle to Siebel to PeopleSoft. Over the past few years, Carlos has found a new and dynamic niche at Oracle, contributing to the Center of Expertise within the Server Technologies group. In particular, he specializes in SQL tuning. When Carlos joined Oracle in the mid 90s, he had the opportunity to contribute working literally in the field, helping strangled customers in the area of manufacturing. Most of the issues he saw somehow involved poor application performance. It was then when he decided SQL tuning was his call within Oracle. Soon after, he began developing tools to help himself and others alike, facing critical issues that required a quick turn-around. Carlos developed `coe_xplain.sql`, followed by `profiler.sql`, Trace Analyzer (TRCANLZR), SQLTXPLAIN (SQLT) and SQL Health-Check (SQLHC). These tools, specially the latter three, are widely used nowadays by Oracle and several enterprises. Carlos loves to learn as much as he loves to share his knowledge. He has developed two SQL tuning workshops that he delivers worldwide to Oracle employees eager to expand their knowledge in SQL tuning. Carlos had the opportunity to speak at Hotsos Symposium 2012 and he is now expanding his experience as a speaker in significant events.

**Prices go up on January 19, so please register as soon as possible. We expect this class to be completely sold out.**

Refund and cancellation policy: Refund requests will be accepted until January 18. NoCOUG reserves the right to cancel the event at any time and refund all payments. NoCOUG may change the venue to a smaller or larger venue depending on the number of registrations.