

*The* ♦ *METHOD R* *Guide to*

# **MASTERING ORACLE TRACE DATA**

*Third Edition*

Cary Millsap  
with Jeff Holt

The definitive guide to accurate, high-precision measurement of user performance experiences, for Oracle application developers and DBAs.

# The Method R Guide To Mastering Oracle Trace Data

**Xiang Xie**



## **The Method R Guide To Mastering Oracle Trace Data:**

**The Method R Guide to Mastering Oracle Trace Data, Second Edition** Cary V. Millsap, 2016-05-20 There are many options these days for measuring and monitoring Oracle r Database application performance This book is about the one that endures as the best foundation there is for understanding Oracle performance the Oracle extended SQL trace feature This book is the course book for the 1 day Mastering Oracle Trace Data course taught by the author Cary Millsap It is not a book about discarding your Oracle fixed views or your monitoring tools that poll them It is a book about how to look at Oracle performance another way a way that has worked extraordinarily well for many of us It s about new ways of thinking about performance using new tools for understanding aspects of your applications that you ve never understood before Contents include Part one A coherent framework for understanding all aspects of performance beginning with foundational definitions case studies illustrating the use of Oracle extended SQL trace data in the performance problem and repair context detailed descriptions of how to create and obtain extended SQL trace data in different languages and application contexts detailed explanations of how to understand the story that the trace data is trying to tell you detailed reference material about Oracle timing measurements and how to use them Part two Over 100 pages of worked examples case studies illustrating how to analyze and solve performance problems with Oracle based applications using the Method R Profiler Method R Tools and Method R Trace commercial software packages Part three A perspective on why trace files are still important in this modern age of ASH and AWR and a list of explanations by dozens of Oracle professionals about why they use trace data today

**The Method R Guide to Mastering Oracle Trace Data** Cary Millsap, 2019-04-11 The definitive guide to accurate high precision measurement of user performance experiences for Oracle application developers and DBAs When you want to know where every microsecond of your Oracle based application s time has gone there s only one way to find out tracing This book is the definitive guide to mastering Oracle trace data The third edition Explains how to create Oracle trace files and understand the stories they tell you about your applications and the time they consume Prescribes a reliable method for optimizing Oracle based applications throughout all the phases of your software development life cycle Demonstrates through worked examples how Oracle application developers and database administrators can use Oracle trace data and Method R software to solve and prevent performance problems Contains more than 50 pages of new material including new worked examples updated information about production safe tracing state of the art techniques for measuring connection pooling applications and more The first time I used Method R and their software I made a 6 5 hour query run in less than 11 minutes In the years since I ve gotten a lot of results like that I ve made a 2 second label scan run in 0 2 seconds which saved a warehouse team three years worth of waiting per year I ve proven to a skeptical application vendor that it was the anti virus software not Oracle that was causing a performance problem And I ve saved an international airline over 250 000 on a hardware upgrade that was destined to disappoint them This book will show you how you can do things like these too Gu

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[Mastering Oracle SQL \[electronic Resource\]](#) Sanjay Mishra, 2000

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