

***Flythrough:
An Approach to Comprehensive Database Testing***

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ABSTRACT

As database sizes increase in both content density and geographic size manual testing of these databases becomes a daunting task both from labor and documentation volume points of view. While procedural creation of database content allows some inductive testing that collapse some timeframes, most testing must still be done by limited sampling which allow many database problems to travel through to the customer.

In this paper we propose a testing method that can be scaled up and/or scaled out to provide both semi-automated testing capability and a baseline for totally automating future tests of the same database in timeframes that are adjustable depending on available hardware.

BIO

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Daniel J. Bicket has a B.S. Mathematics from Evangel University and an M.S. Electrical Engineering from Missouri University of Science and Technology. He has been involved in circuit design for hybrid infrared detectors in the Microelectronics Center at McDonnell-Douglas Corporation, VITAL 8 design with the Visual Simulation Systems group, at MDC and FlightSafety International. Currently working on advanced content development tools in TSGS at The Boeing Company.