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# What's New

## in 11 dot 2?

presentation for:  
**Fall 2009 Conference**



Daniel A. Morgan



# Introduction

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- Daniel Morgan – [damorgan@u.washington.edu](mailto:damorgan@u.washington.edu)
- Oracle Ace Director 
- University of Washington 
  - Wrote UW Oracle curricula
  - Primary program instructor - 10 years
- The Morgan of Morgan's Library on the web
  - [www.morganslibrary.com](http://www.morganslibrary.com)
- Former Education Chair: PSOUG 
- Member: 
- Member: 
- Frequent speaker: OOW and user group events
- Beta tester: 10g, 11gR1, 11gR2 and TimesTen
- Oracle since version 6

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# How Oracle Sees Me

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# How My customer's See Me

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# But always working to improve foreign relations

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# What's New in 11-dot-2?

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- UDUMP and BDUMP are gone ... meet the ADR
- Compound Triggers
- Flashback Archive
- Interval Partitioning
- Invisible Indexes
- Partition by Reference
- Partition by System
- Partition by Virtual Column
- Pivot & Unpivot Operators
- Pragma Inline
- Read Only Tables
- Sequence Syntax
- SIMPLE\_INTEGER data type
- Virtual Columns

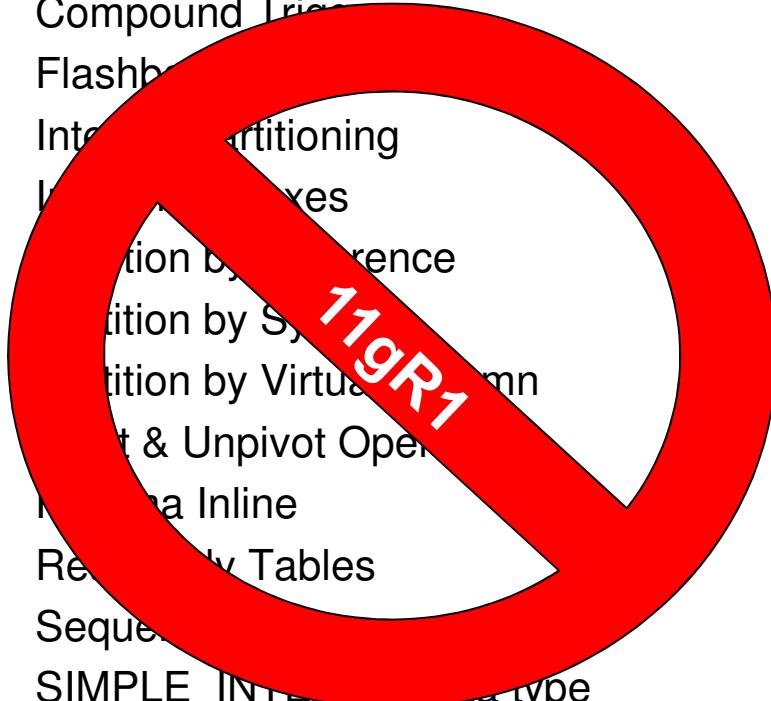
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# What's New in 11-dot-1?

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- UDUMP and BDUMP are gone ... meet the ADR
- Compound Triggers
- Flashback Triggers
- Intra-partition Partitioning
- Intra-partition Indexes
- Partition by Reference
- Partition by System Column
- Partition by Virtual Column
- Pivot & Unpivot Operators
- Materialized Inline
- Read-Only Tables
- Sequences
- SIMPLE\_INTEGRITY type
- Virtual Columns



# What's New in 11-dot-2?

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- ADR Structure Changes
- Advanced Compression - Hybrid Columnar Compression
- Analytic Functions
  - New Functions
  - Respect or Ignore NULLs Clause
- Data Guard Compressed Table Support
- Edition Based Redefinition
  - CrossEdition Triggers
  - DBMS\_CROSSEDITION\_TRIGGER
  - Editioning Views
- In-Memory Parallel Query
- Listener Password Gone
- New Packages and Enhancements to Existing Packages
- New PL/SQL Warnings
- Segment Creation on Demand
- Table & Tablespace Master Rekey
- Trigger Fine Grained Dependencies
- Zero-Size Unusable Index and Index Partitions

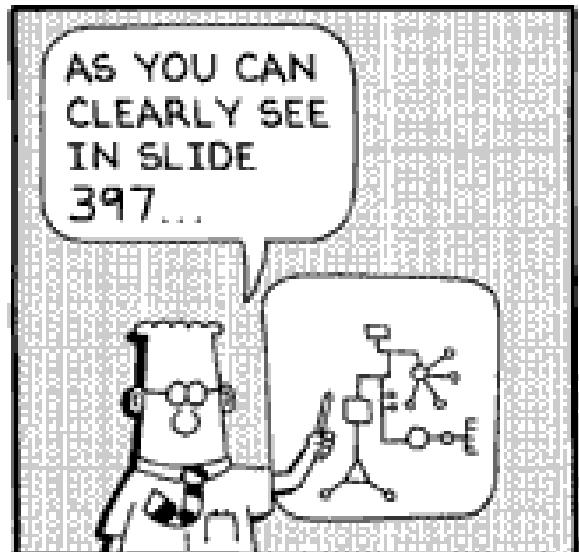
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# Health Warning

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Due to complaints made to the Environmental Protection Agency



You are now entering ...

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... a ...

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# Questions

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**Session S307422 Oracle Advanced Compression in Oracle Database 11g  
Release 2: Value/Performance**

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