Point-and-Click Database Administration with CA IDMS™ Visual DBA

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CA IDMS™ Technical Conference

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Abstract

- Attend this session to see how you can use a single, user-friendly interface to manage and monitor all of your CA IDMS™ Central Versions (CVs). Learn how to exploit its GUI capabilities to avoid coding JCL and memorizing syntax. New and veteran DBAs can benefit from the productivity features available in CA IDMS™ Visual DBA.

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Agenda

- What is CA IDMS Visual DBA?
- What can I do with it?
- Changes supporting CA IDMS Version 18 features

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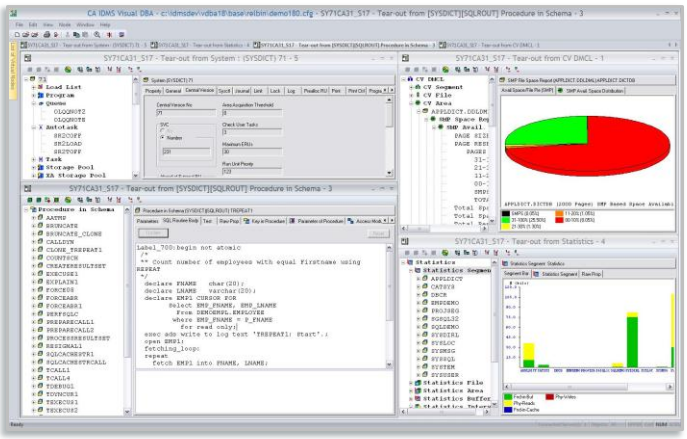
CA IDMS Visual DBA
What is it?

CA IDMS Visual DBA is a GUI-based tool that makes **administering, monitoring, learning and using** CA IDMS easy!



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CA IDMS Visual DBA
What can I do with it?

- Manage database, system and security definitions
- Monitor and adjust CV activity
- Access concurrently multiple CVs (IDMS r17 and Version 18)
- Execute online utilities from GUI front-end
- Search CV log
- Manage IDD modules
- Submit scripts
- Create and execute SQL statements
- Develop SQL routines

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CA IDMS Visual DBA
Why would I want to use it?

Shortens learning curve for next generation Mainframe workers
- Explorer for dictionary and runtime
- No syntax
- No JCL
- Online help
- Standard Windows Graphical User Interface

Provides dashboard to manage, monitor, drag&drop
- Multiple systems
- Multiple CA IDMS releases

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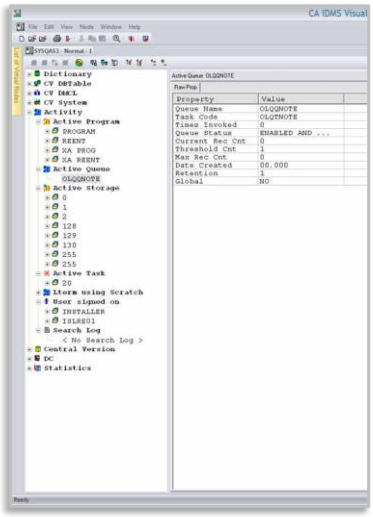
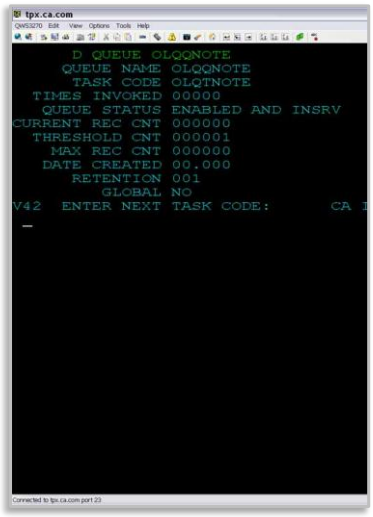
CA IDMS Visual DBA
Why would I want to use it?



Visual DBA



Mainframe

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Installation
PC Side

- Certified Windows platforms
  - XP, Vista and Windows 7
  - Windows Server 2008
- Runs also on
  - Windows Server 2003
  - Terminal Server environment in Windows Server 2008

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Installation
Mainframe

- CA IDMS backend
  - R17, Version 18 and Version 18.5
  - No licenses required for CA IDMS SQL Option or Server
- Install using CA IDMS Visual DBA
  - Installing user profile required
  - Profile rule contains:
    Cmd Console SQL/SYSTEM(U)
- Install using IDMSBCF

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Installation
Compatibility

- Visual DBA r16&r17
  - Run against CA IDMS Version 18 and 18.5, reinstall MF component
- CA IDMS™ Server
  - CA IDMS Server r16.n & r17 concurrently
- CA IDMS Visual DBA Version 18 co-exists with any release of Visual DBA on Windows and Mainframe platforms

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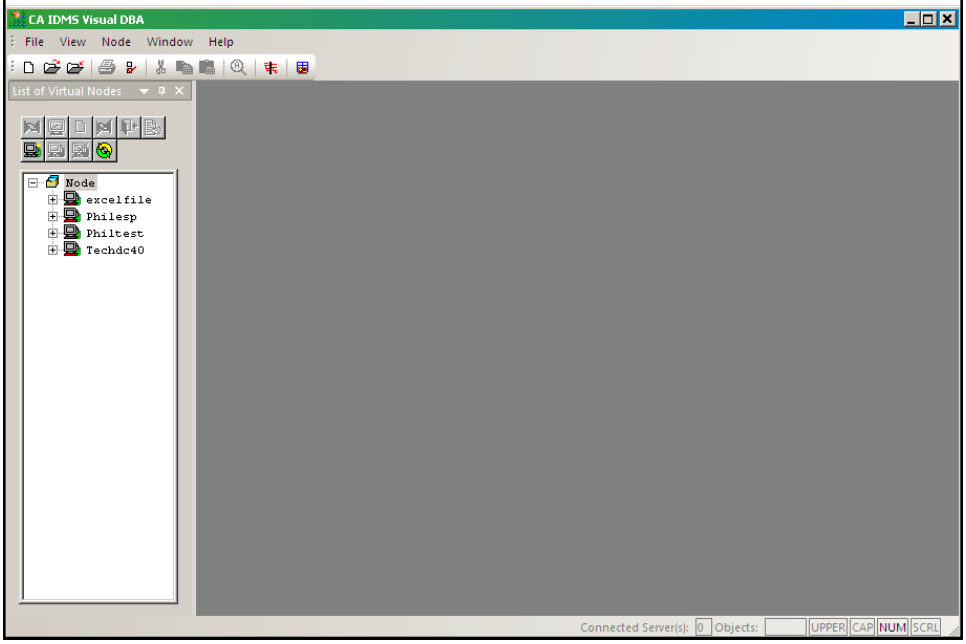
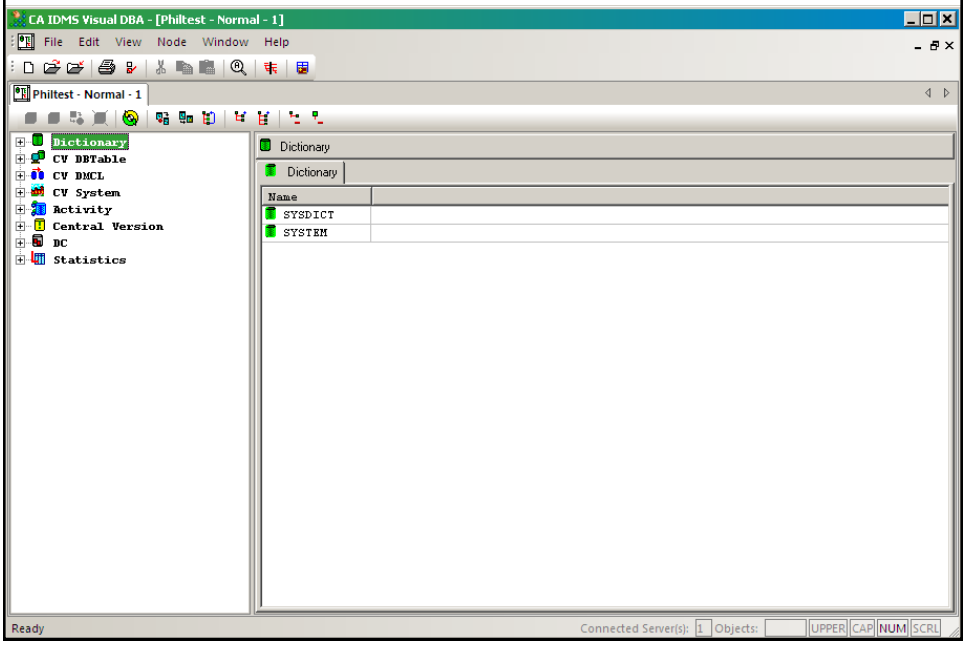
What Can I Do With It?

Initial Panel, Nodes Expanded



Signed on, Dictionaries Displayed



Dictionary Objects: SQL Schemas

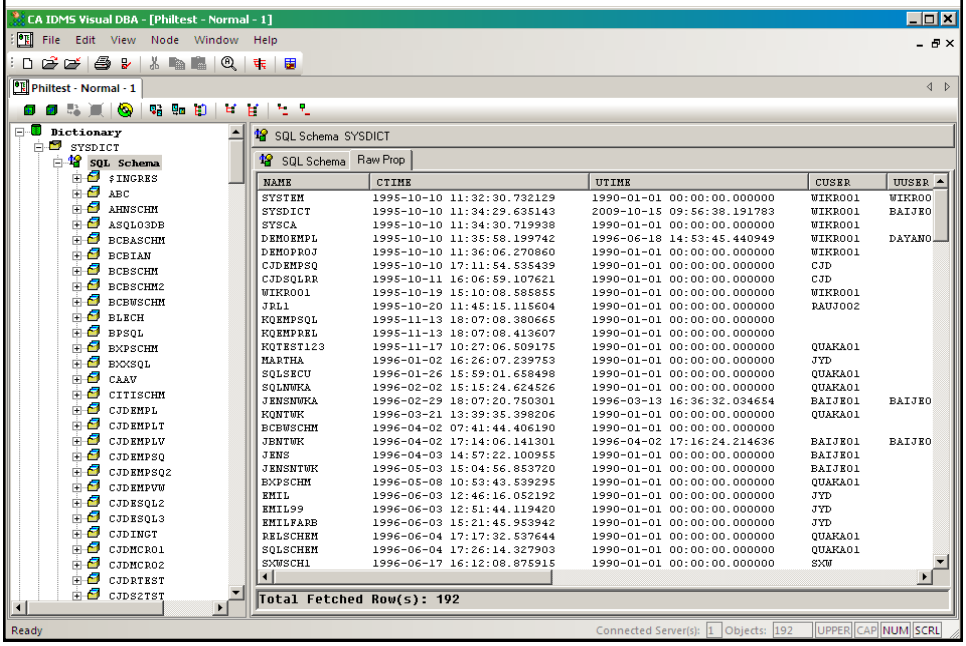
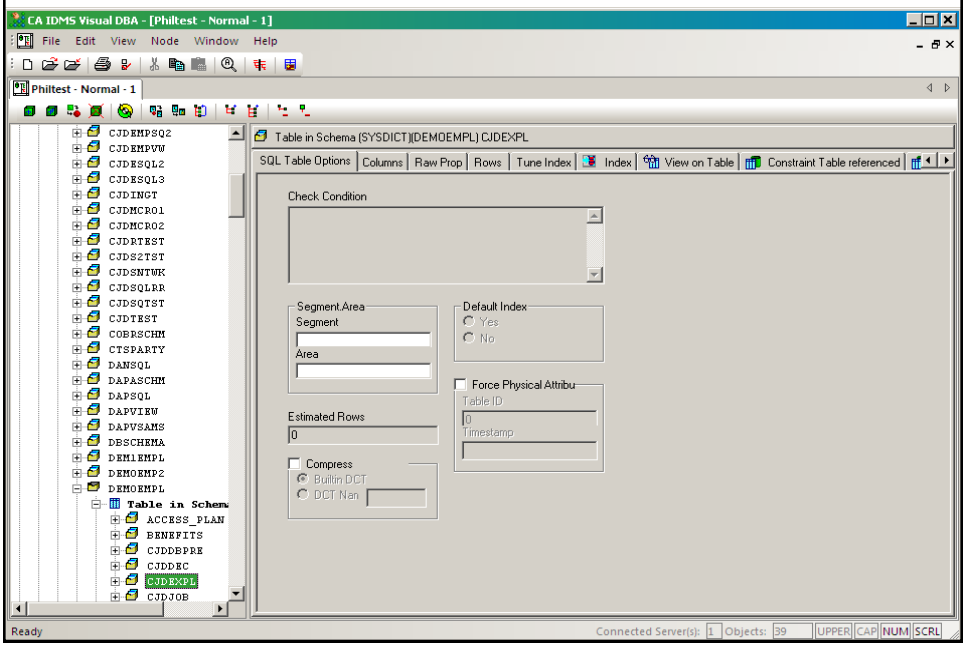
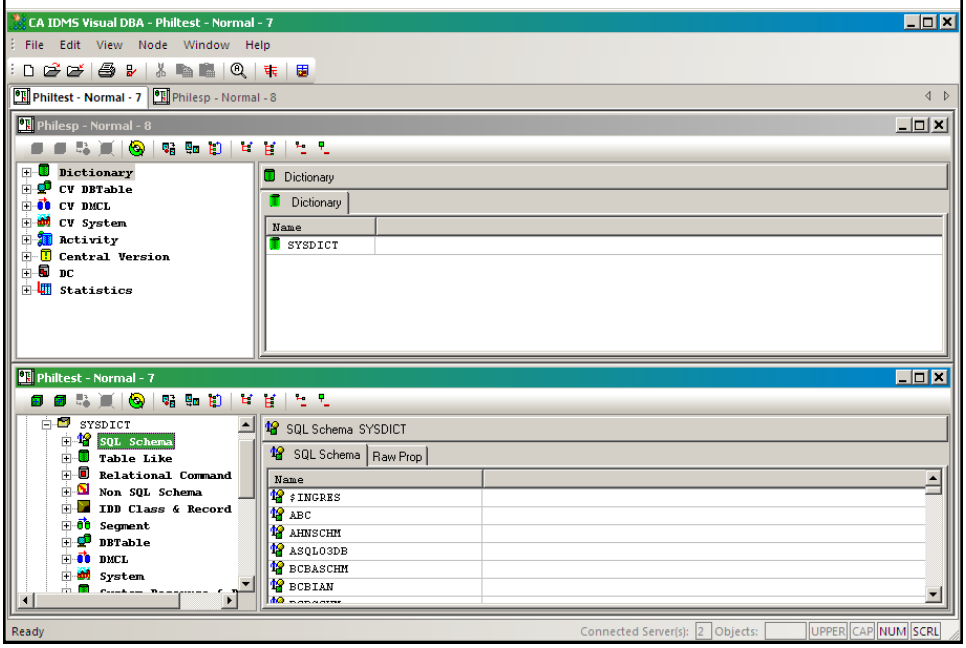


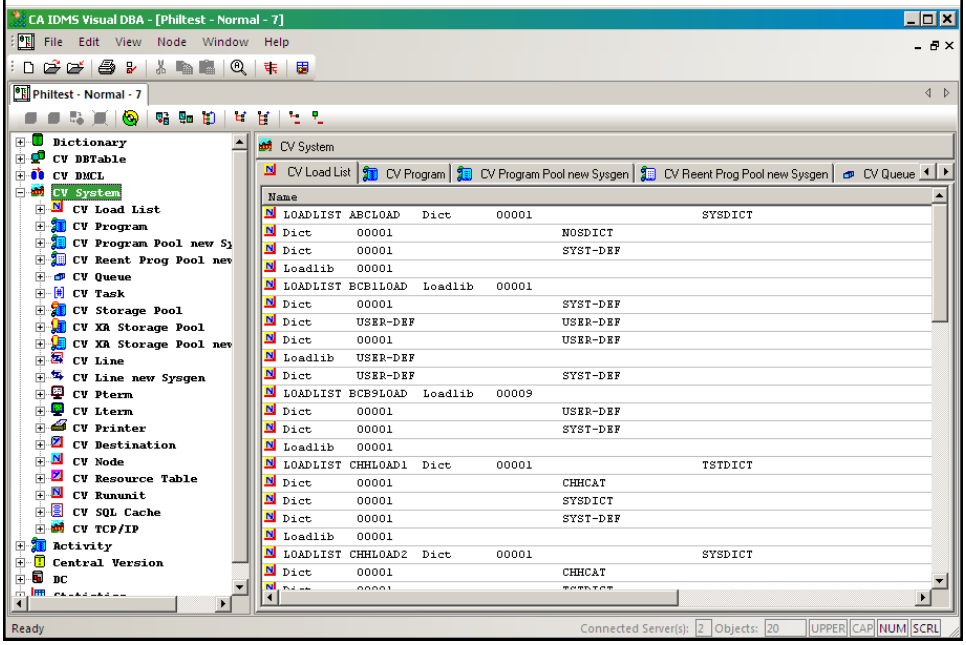
Table Attributes



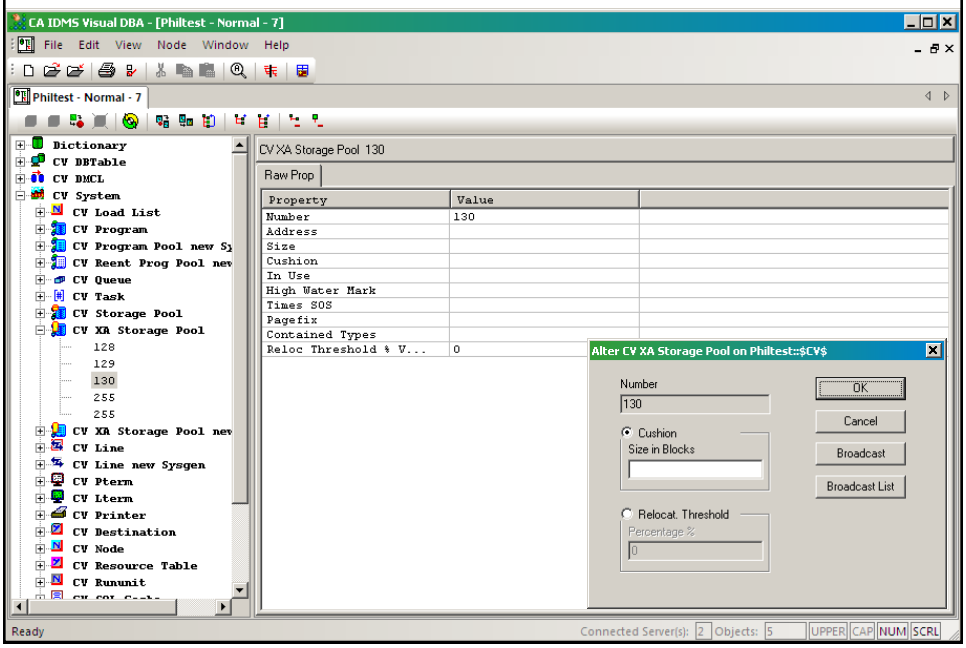
Multiple CVs, Drag-and-Drop



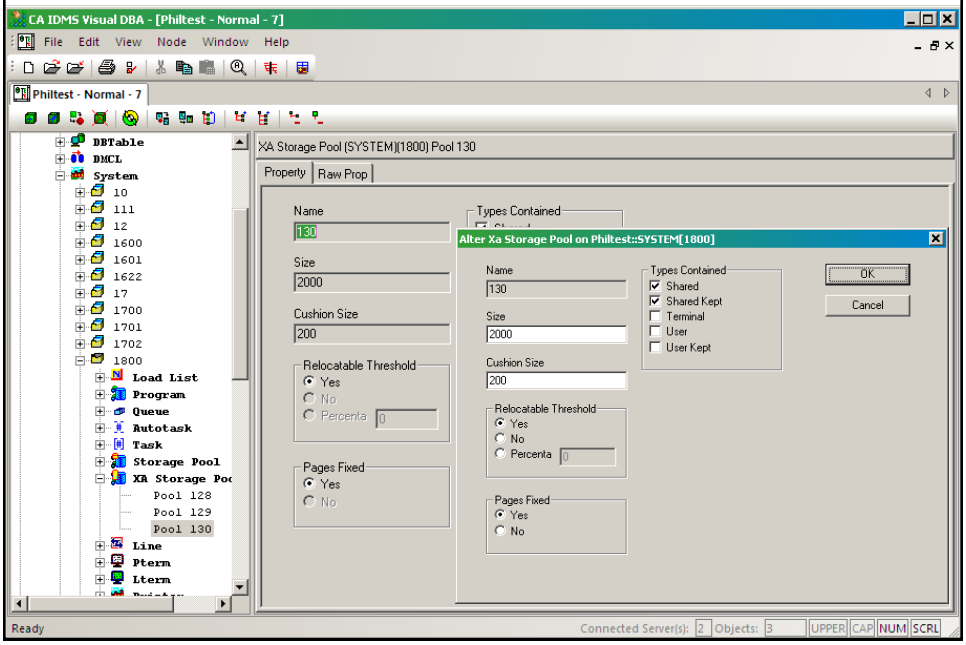
Run-time System



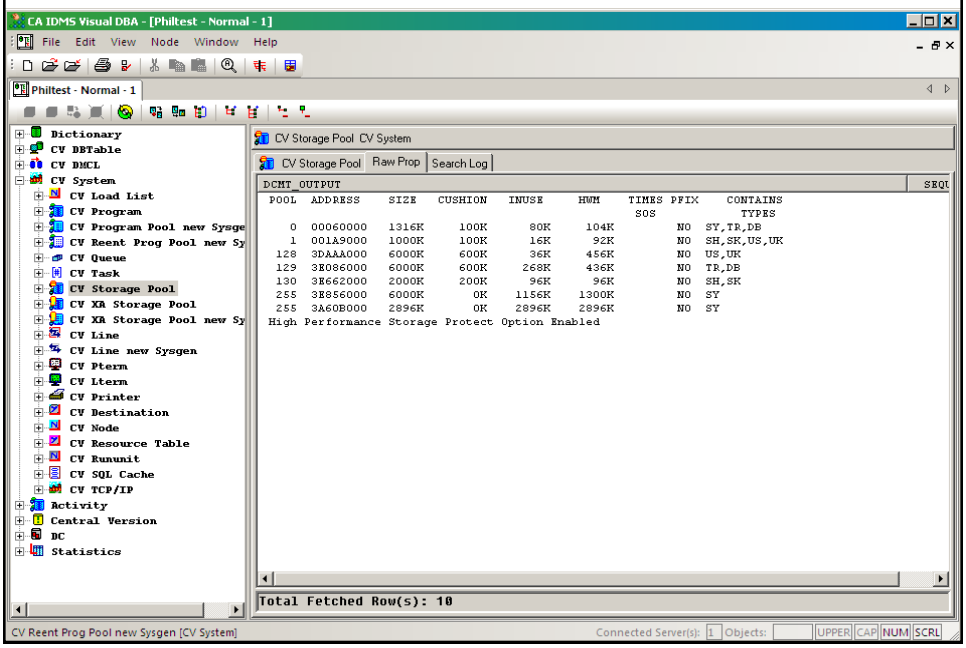
Dynamically Adjust Storage Pools



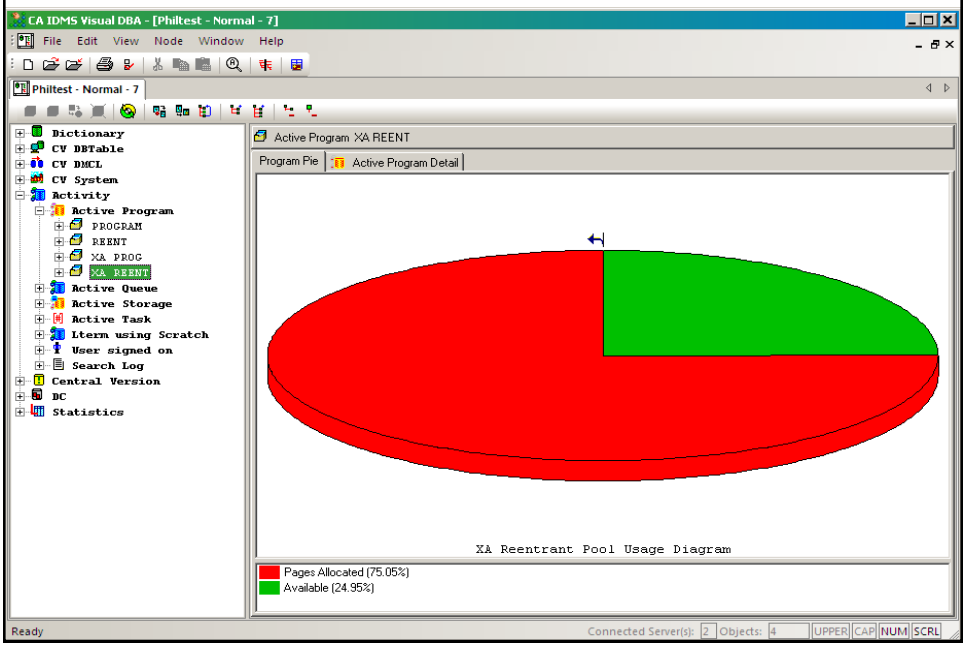
Making Dynamic Change Permanent



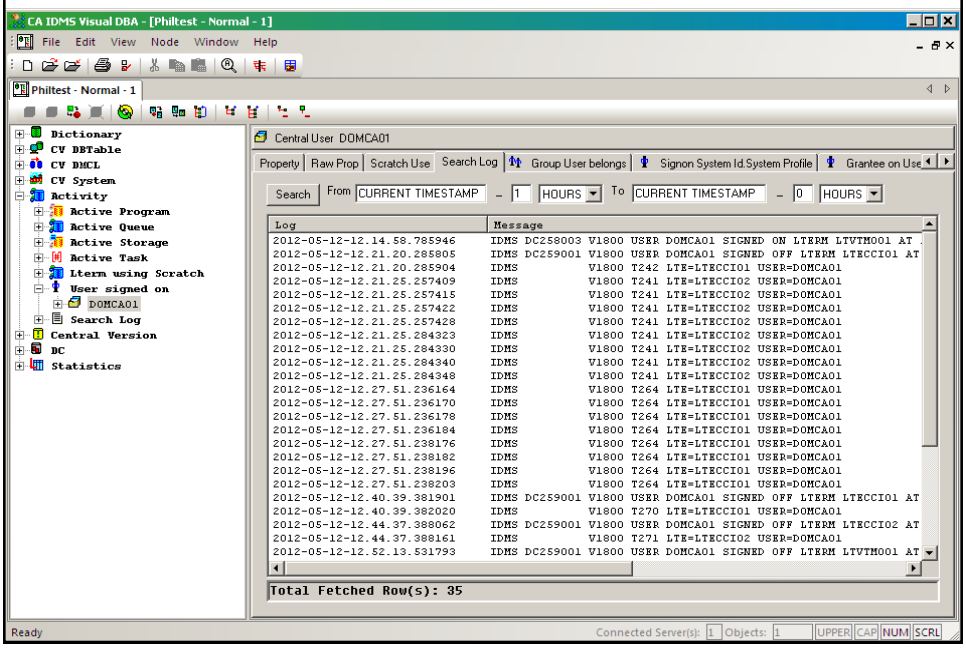
Verify HPSP Implementation



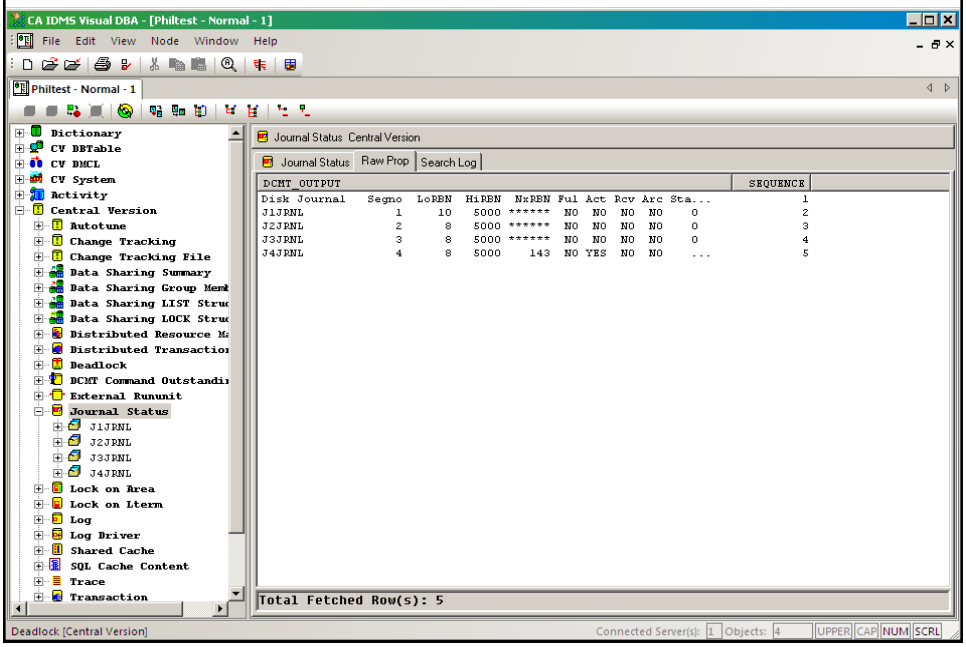
Monitor Resources: XA REENT Pool



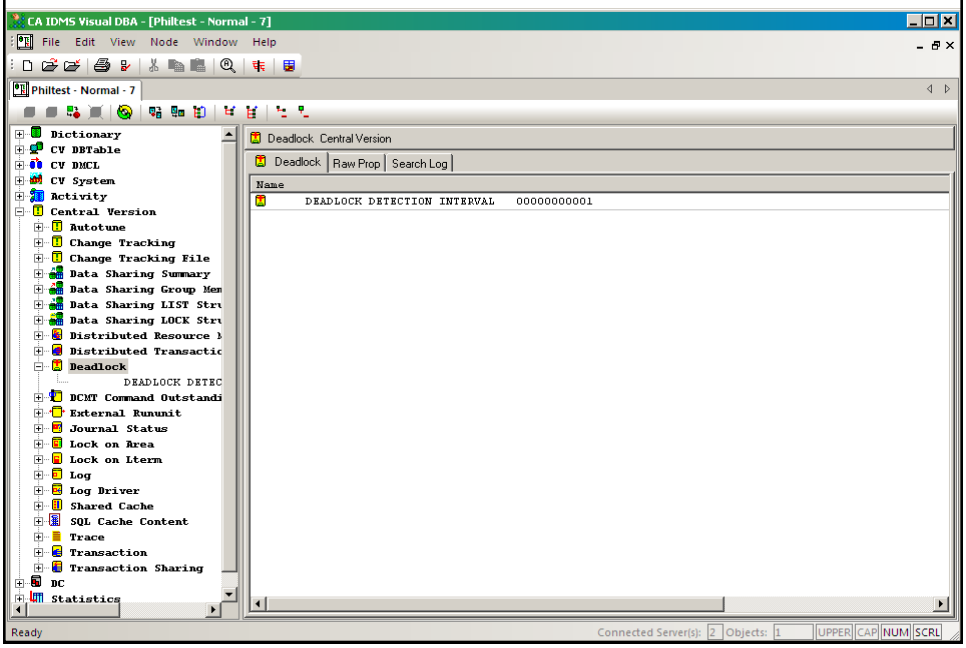
Monitor Resources: Users: Search Log



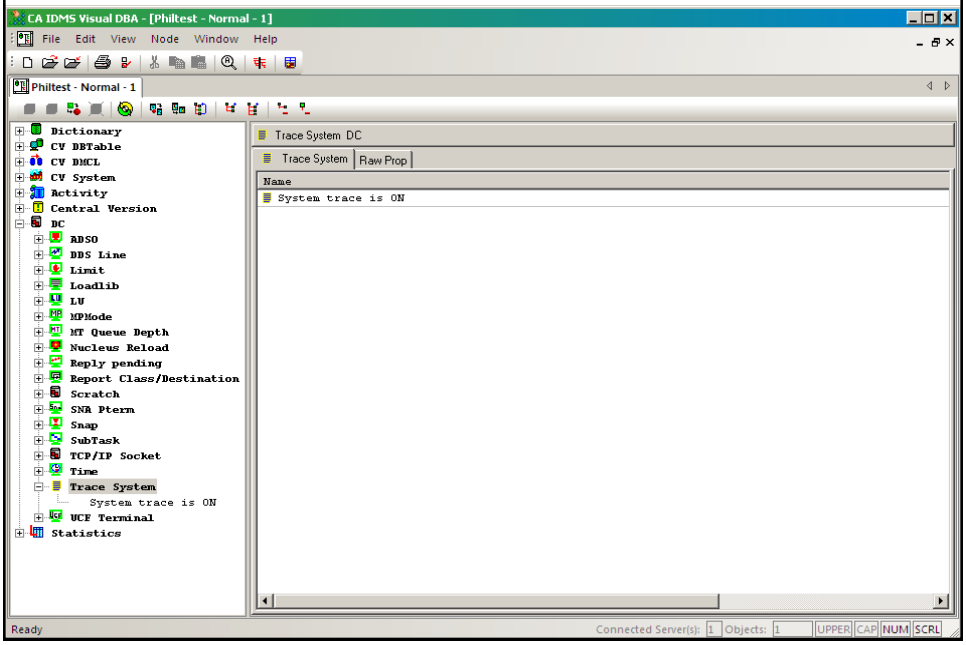
Monitor Resources: Journal Status



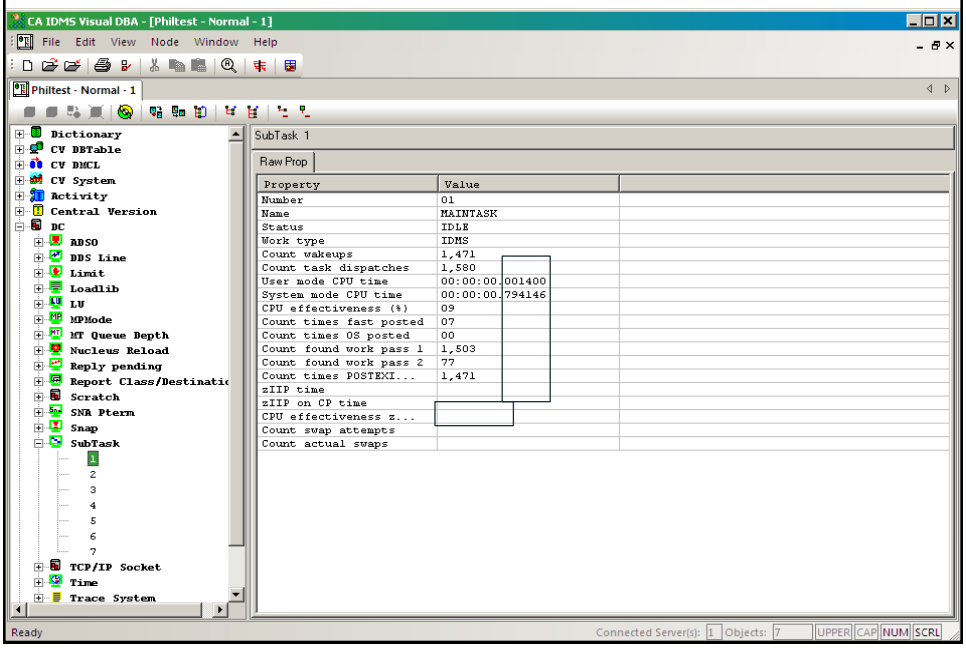
Monitor Resources: Deadlocks



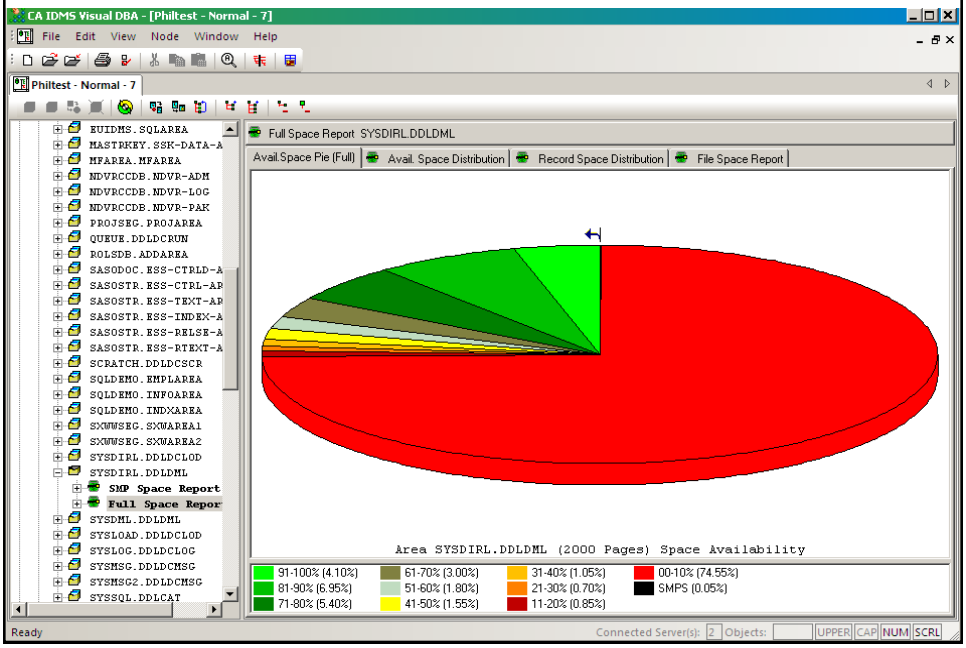
Monitor Resources: System Trace



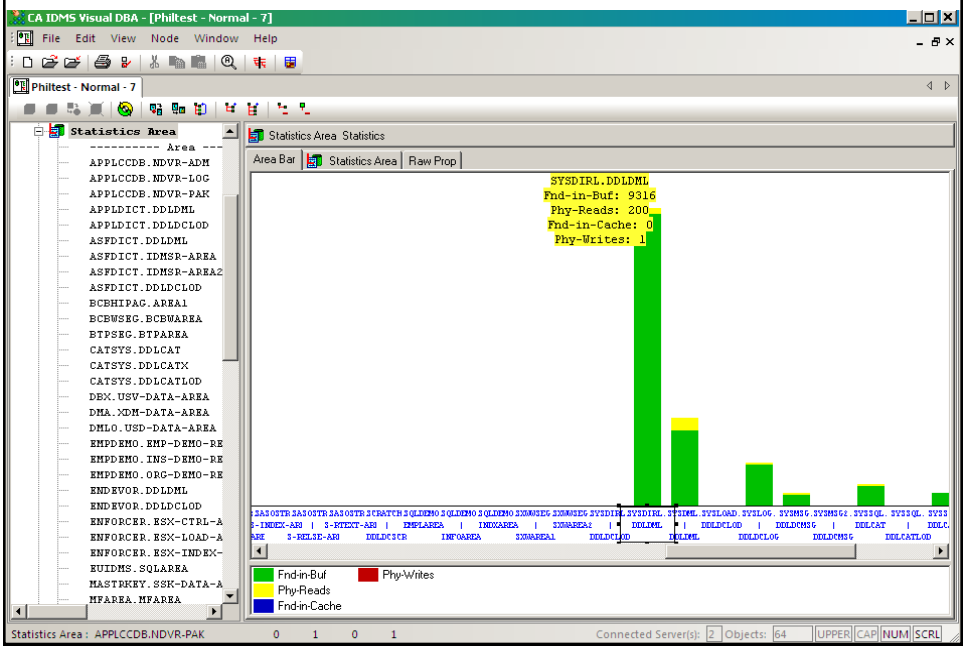
Monitor Resources: zIIP



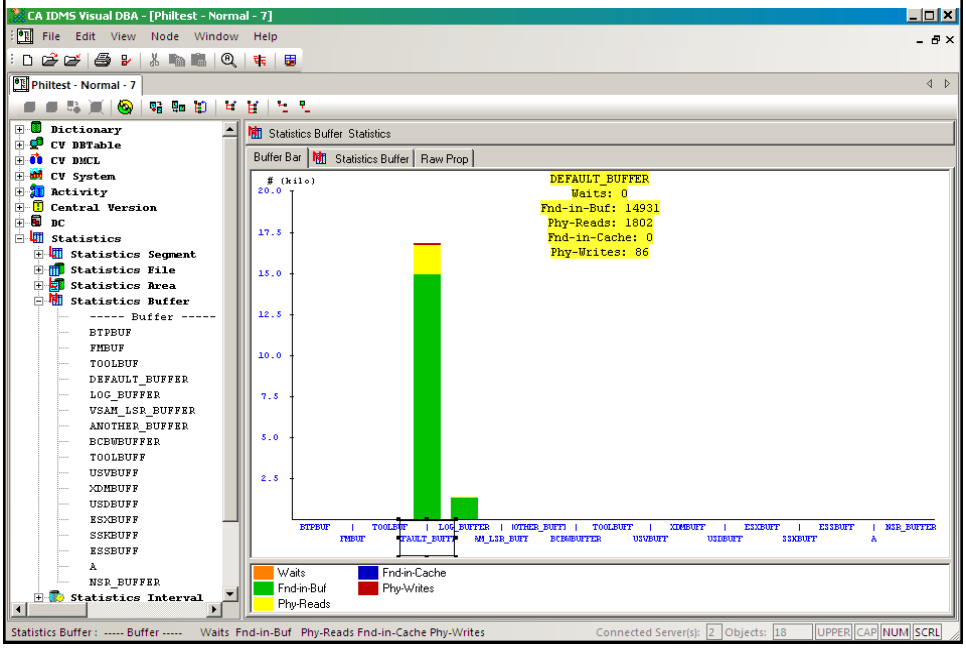
Monitor Areas: Full Space Report



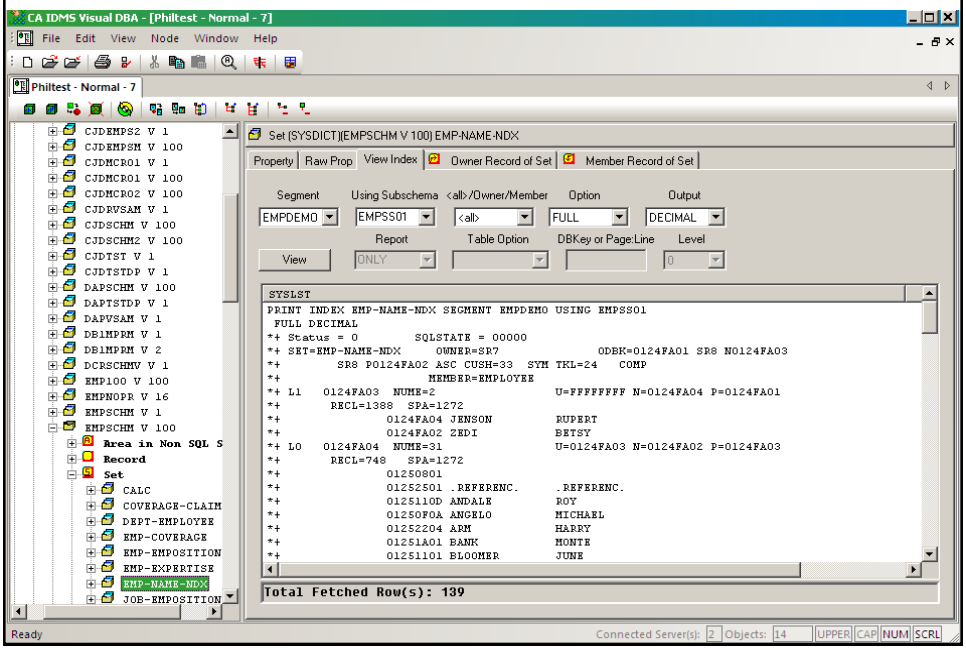
Monitor Run-Time Access



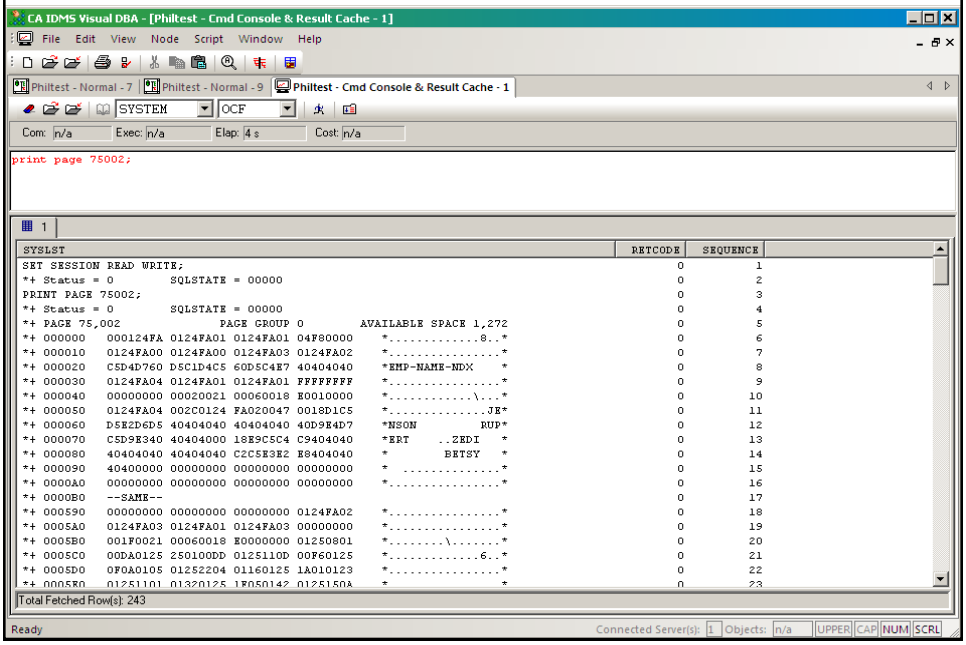
Monitor Buffers



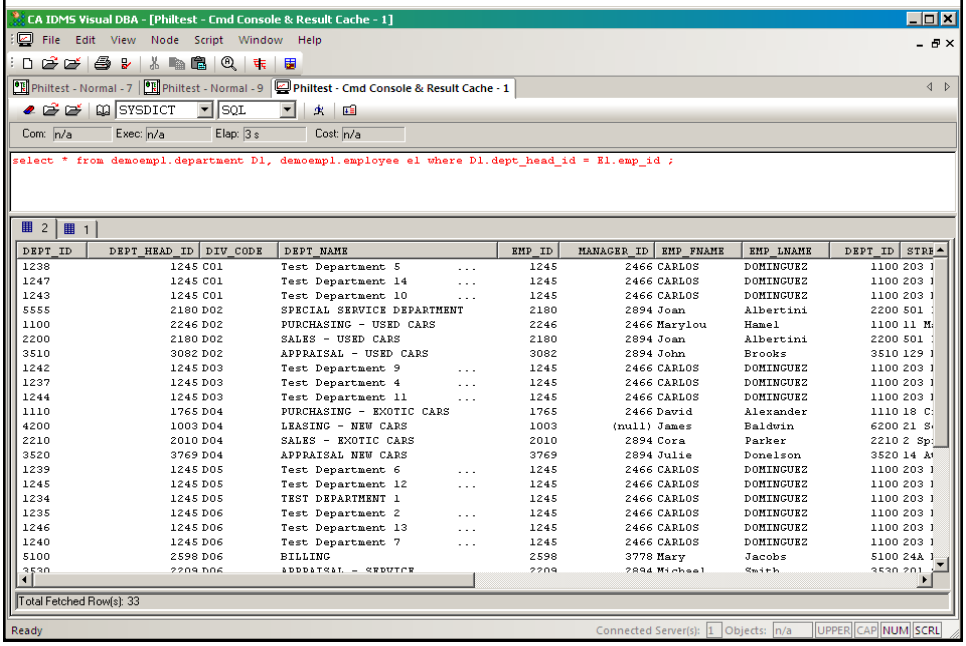
Monitor Indexes From Dictionary Tree



Command Console: Submit Familiar Syntax



SQL Assistant Builds Executable Syntax



Changes Supporting CA IDMS Version 18 Features

Support CA IDMS Version 18.0 Features

- ✓ **Non-stop process features**
  - Expanded statistics fields
  - Interval roll for statistics
- ✓ **Operational and administrative enhancements**
  - Auto tuning
  - zIIP time reporting
  - Type qualifier on Vary Program
  - PRINT SPACE page reserve reporting
  - DCMT Display All Queues
  - System definition enhancements
- ✓ **SQL enhancements**
  - Alter and drop column
  - Alter index extensions
  - Alter constraint support
  - Adding a default index
  - Large key support
- ✓ **Serviceability aids**
  - Enhanced system tracing
  - DCMT Display Log enhancement
  - Enhanced module identification

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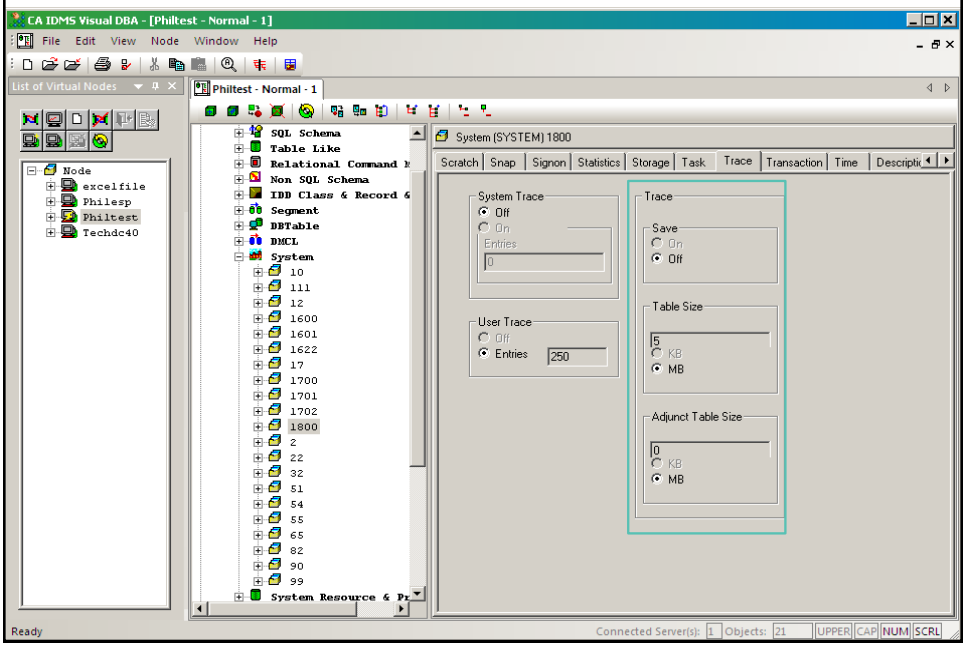
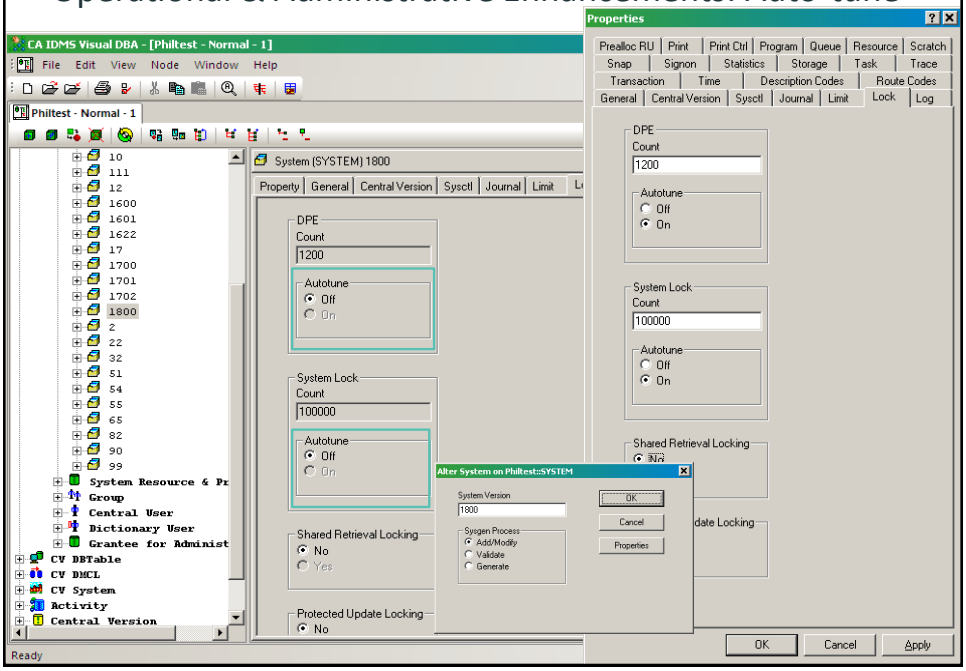
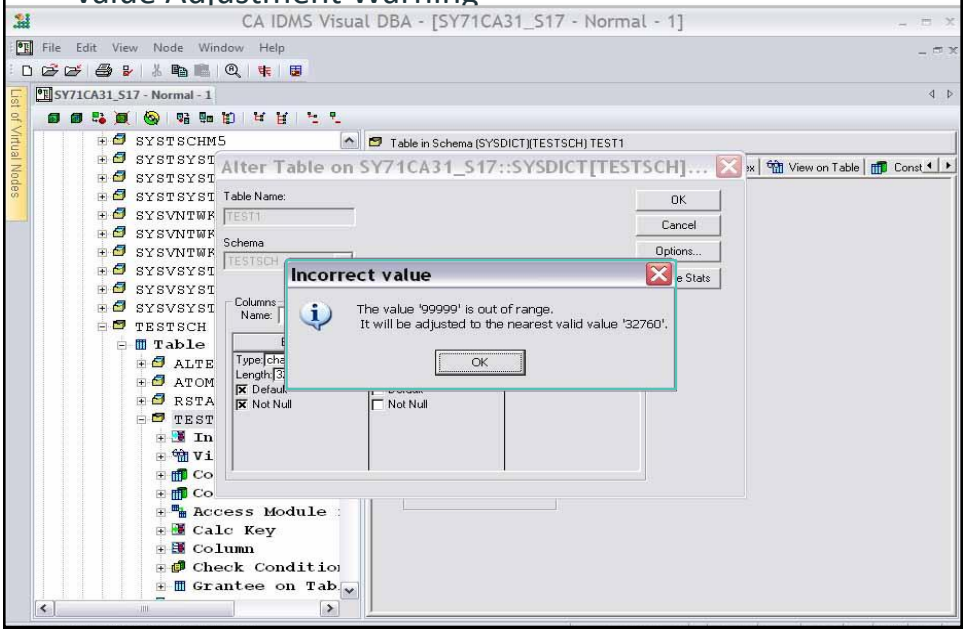
Serviceability Aids: Enhanced System Tracing



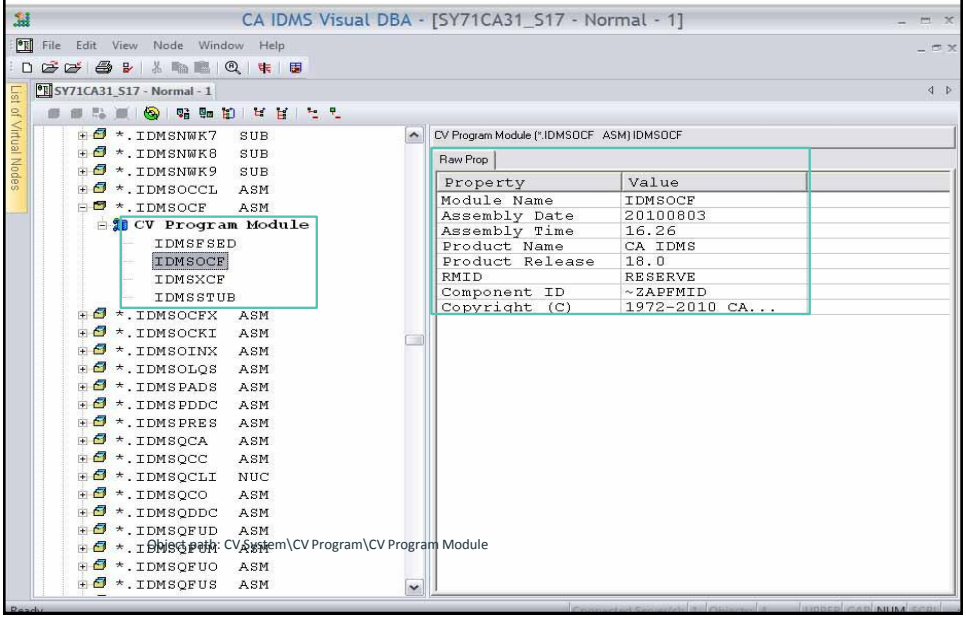
Operational & Administrative Enhancements: Auto-tune



VDBA Version 18 Improvements
Value Adjustment Warning



Serviceability Aids
Enhanced Module Identification



Summary

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- Shortens learning curve for next generation MF workers
- Provides dashboard to manage, monitor, drag&drop

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Questions and Answers

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