

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

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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.
- Visual DBA is also useful for analysts, programmers and end-users

Agenda

- What is CA IDMS Visual DBA?
- What can I do with it?

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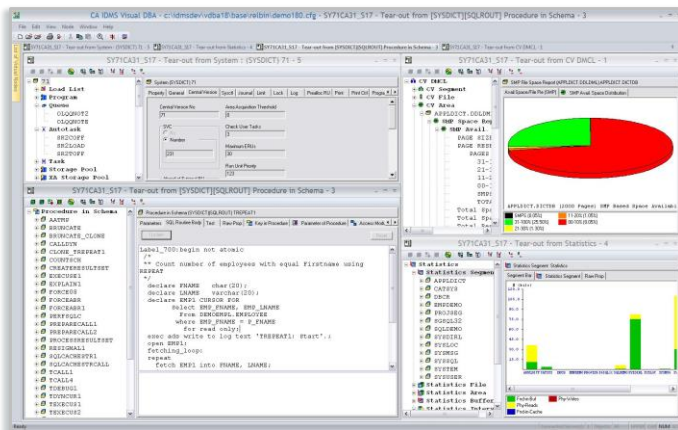
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CA IDMS Visual DBA What is it?

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 (17.0 & higher)
- 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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Features

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

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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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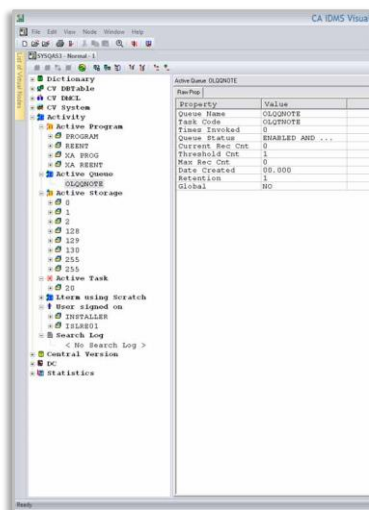
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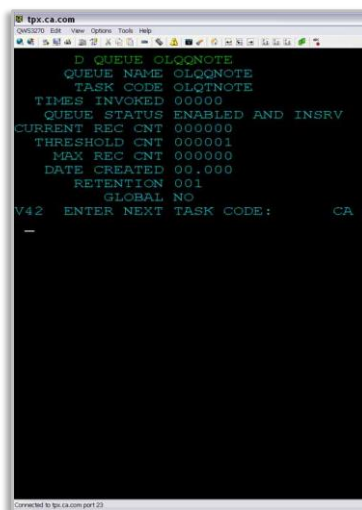


CA IDMS Visual DBA

Why would I want to use it?



Visual DBA



Mainframe

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Installation PC Side

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

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Installation Mainframe

- CA IDMS backend
 - 18.0, 18.5, 19.0
 - 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 18.0, 18.5, & 19.0: reinstall MF component
- CA IDMS™ Server
 - CA IDMS Server r17
- CA IDMS Visual DBA 18.0 co-exists with any release of Visual DBA on Windows and Mainframe platforms

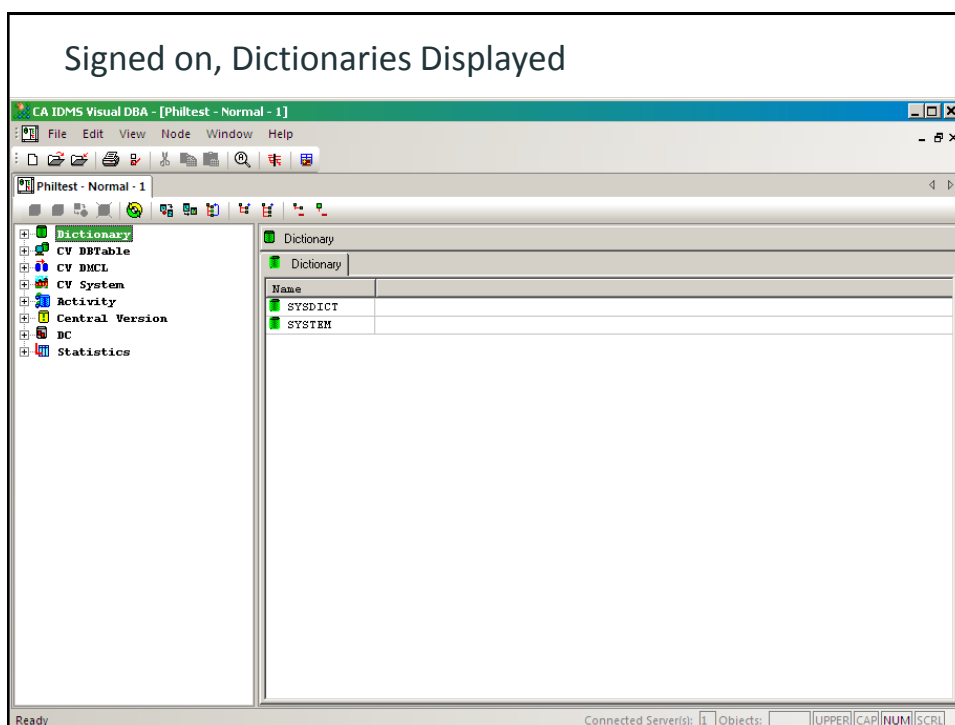
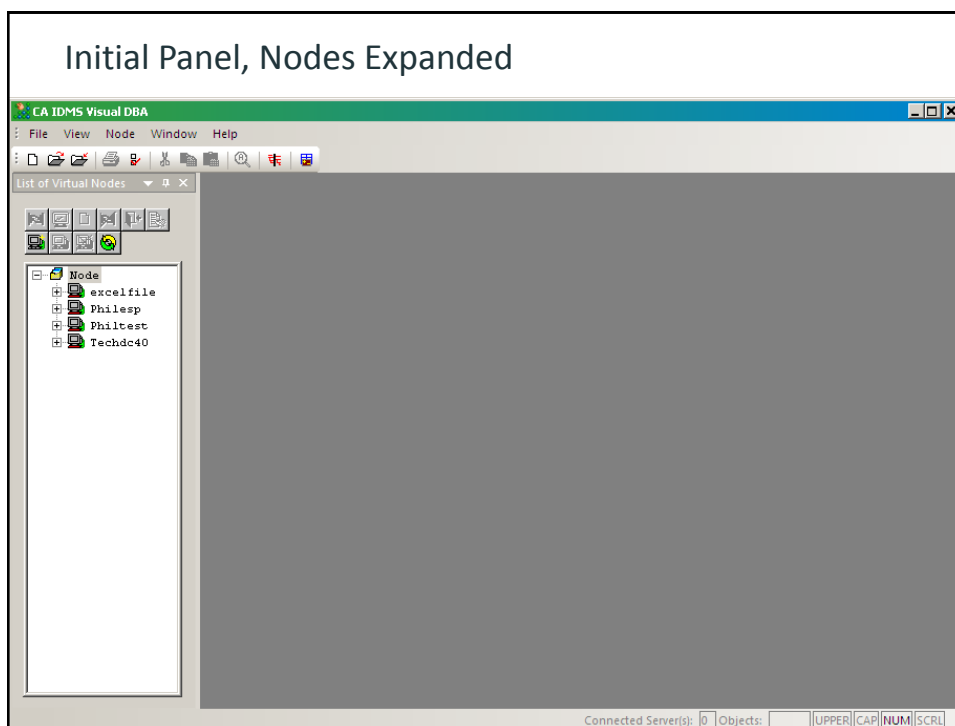
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What Can I Do With It?



Managing Dictionaries SQL Schemas

The screenshot shows the CA IDMS Visual DBA interface. The left pane displays a tree view of the dictionary structure, including SQL Schemas. The main pane shows the SQL Schema SYSDICT, which is a table listing various system and user schemas. The table has columns for NAME, CTIME, UTIME, CUSER, and UUSER. The status bar at the bottom indicates 'Total Fetched Row(s): 192'.

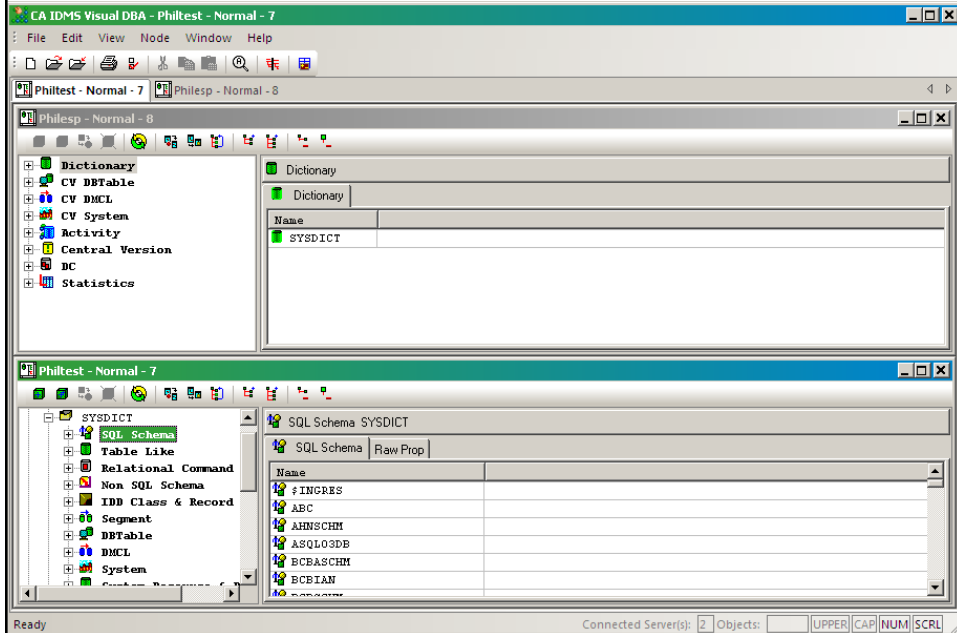
NAME	CTIME	UTIME	CUSER	UUSER
SYSTEM	1995-10-10 11:32:30.732129	1990-01-01 00:00:00.000000	WIKR001	WIKR001
SYSDICT	1995-10-10 11:34:29.635143	2009-10-15 09:56:38.191783	WIKR001	BAIJEO
SYSCA	1995-10-10 11:34:30.719938	1990-01-01 00:00:00.000000	WIKR001	DAYANO
DEMOEMPL	1995-10-10 11:35:58.199742	1996-06-18 14:53:45.440949	WIKR001	WIKR001
DEMOF03	1995-10-10 11:36:06.270960	1990-01-01 00:00:00.000000	WIKR001	WIKR001
CJDEMP02	1995-10-10 17:11:54.535439	1990-01-01 00:00:00.000000	CJD	CJD
CJDSQLR	1995-10-11 16:06:59.107621	1990-01-01 00:00:00.000000	CJD	CJD
WIKR001	1995-10-19 15:10:08.585855	1990-01-01 00:00:00.000000	WIKR001	WIKR001
JPL1	1995-10-20 11:45:15.115604	1990-01-01 00:00:00.000000	RAUJ002	RAUJ002
QKEMPSQL	1995-11-13 18:07:08.380665	1990-01-01 00:00:00.000000	QUAKA01	QUAKA01
QKEMPREL	1995-11-13 18:07:08.413607	1990-01-01 00:00:00.000000	QUAKA01	QUAKA01
QKTEST123	1995-11-17 10:27:06.509175	1990-01-01 00:00:00.000000	QUAKA01	QUAKA01
MARTHA	1996-01-02 16:26:07.239753	1990-01-01 00:00:00.000000	JYD	JYD
SQLSECU	1996-01-26 15:59:01.658498	1990-01-01 00:00:00.000000	QUAKA01	QUAKA01
SQLNWKA	1996-02-02 15:15:24.624526	1990-01-01 00:00:00.000000	QUAKA01	QUAKA01
JENSNWKA	1996-02-29 18:07:20.750301	1996-03-13 16:36:32.034654	BAIJEO1	BAIJEO
KONTWK	1996-03-21 13:39:35.398206	1990-01-01 00:00:00.000000	QUAKA01	QUAKA01
BCWSCHM	1996-04-02 07:41:44.406190	1990-01-01 00:00:00.000000	BAIJEO1	BAIJEO
JENTWK	1996-04-02 17:14:06.141301	1996-04-02 17:15:24.214636	BAIJEO1	BAIJEO
JENS	1996-04-03 14:57:22.100955	1990-01-01 00:00:00.000000	BAIJEO1	BAIJEO
JENSNWK	1996-05-03 15:04:56.853720	1990-01-01 00:00:00.000000	BAIJEO1	BAIJEO
BCPSCHM	1996-05-08 10:53:43.539295	1990-01-01 00:00:00.000000	QUAKA01	QUAKA01
EMIL	1996-06-03 12:46:16.052192	1990-01-01 00:00:00.000000	JYD	JYD
EMIL99	1996-06-03 12:51:44.119420	1990-01-01 00:00:00.000000	JYD	JYD
EMILFABE	1996-06-03 15:21:45.963942	1990-01-01 00:00:00.000000	JYD	JYD
RELSCHM	1996-06-04 17:17:32.537644	1990-01-01 00:00:00.000000	QUAKA01	QUAKA01
SQLSCHM	1996-06-04 17:26:14.327903	1990-01-01 00:00:00.000000	QUAKA01	QUAKA01
SCWSCH1	1996-06-17 16:12:08.875915	1990-01-01 00:00:00.000000	SCW	SCW

Managing Dictionaries Table Attributes

The screenshot shows the CA IDMS Visual DBA interface. The left pane displays a tree view of the dictionary structure, including Tables in Schema. The main pane shows the Table Attributes for the table CJDEXPL in the schema SYSDICT. The 'Check Condition' section is expanded, showing options for Segment, Area, and Default Index. The 'Estimated Rows' section shows a value of 0. The 'Compress' section shows options for Built DCT and DCT Nan.

Table in Schema	ACCESS PLAN	BENEFITS	CJDDBPPE	CJDDDEC	CJDEXPL	CJDJOB
ACCESS PLAN						
BENEFITS						
CJDDBPPE						
CJDDDEC						
CJDEXPL						
CJDJOB						

Managing Dictionaries Multiple CVs, Drag-&-Drop



CA IDMS Visual DBA - Philttest - Normal - 7

File Edit View Node Window Help

Philttest - Normal - 7 Philttest - Normal - 8

Philttest - Normal - 8

Dictionary

- CV DBTable
- CV DMCL
- CV System
- Activity
- Central Version
- DC
- Statistics

Dictionary

Name
SYSDICT

Philttest - Normal - 7

SYSDICT

- SQL Schema
- Table Like
- Relational Command
- Non SQL Schema
- DD Class & Record
- Segment
- DBTable
- DMCL
- System
- Custom Dictionary

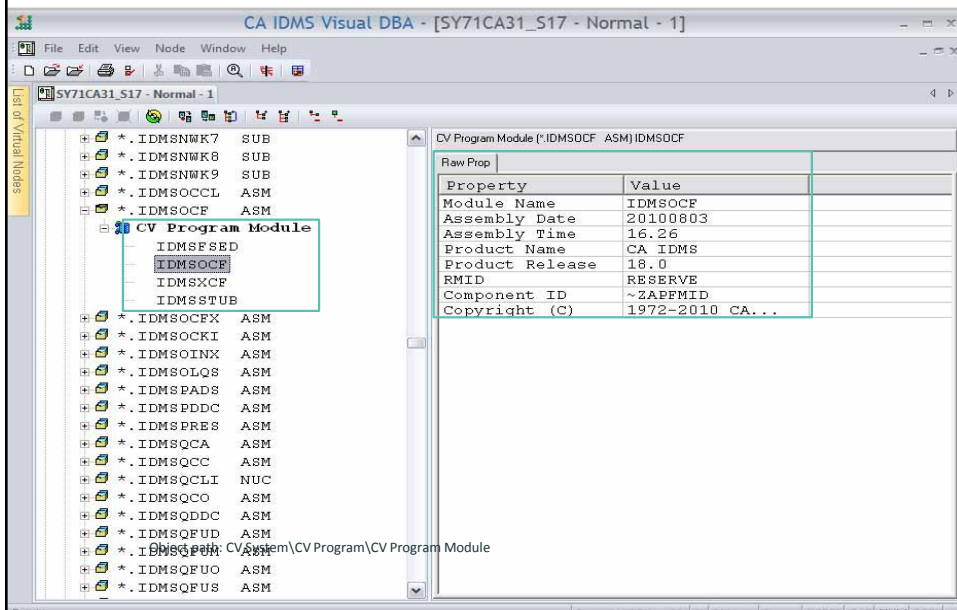
SQL Schema SYSDICT

SQL Schema Raw Prop

Name
INGRES
ABC
AHNSCHM
ASQLO3DB
BCBASCHM
BCBIAN

Ready Connected Server(s): 2 Objects: UPPER CAP NUM SCRL

Managing Dictionaries Detailed Module Identification



CA IDMS Visual DBA - [SY71CA31_S17 - Normal - 1]

File Edit View Node Window Help

SY71CA31_S17 - Normal - 1

List of Virtual Nodes

- *.IDMSNWK7 SUB
- *.IDMSNWK8 SUB
- *.IDMSNWK9 SUB
- *.IDMSOCCF ASM
- *.IDMSOCEF ASM
- CV Program Module
 - IDMSFEED
 - IDMSOCEF
 - IDMSXCF
 - IDMSSTUB
- *.IDMSOCEF ASM
- *.IDMSOCKI ASM
- *.IDMSOINX ASM
- *.IDMSOLQS ASM
- *.IDMSPADS ASM
- *.IDMSPDCC ASM
- *.IDMSPRES ASM
- *.IDMSQCA ASM
- *.IDMSQCC ASM
- *.IDMSQCLI NUC
- *.IDMSQCO ASM
- *.IDMSQDDC ASM
- *.IDMSQFUD ASM
- *.IDMSQFUD ASM
- *.IDMSQFUD ASM
- *.IDMSQFUD ASM
- *.IDMSQFUD ASM
- *.IDMSQFUD ASM

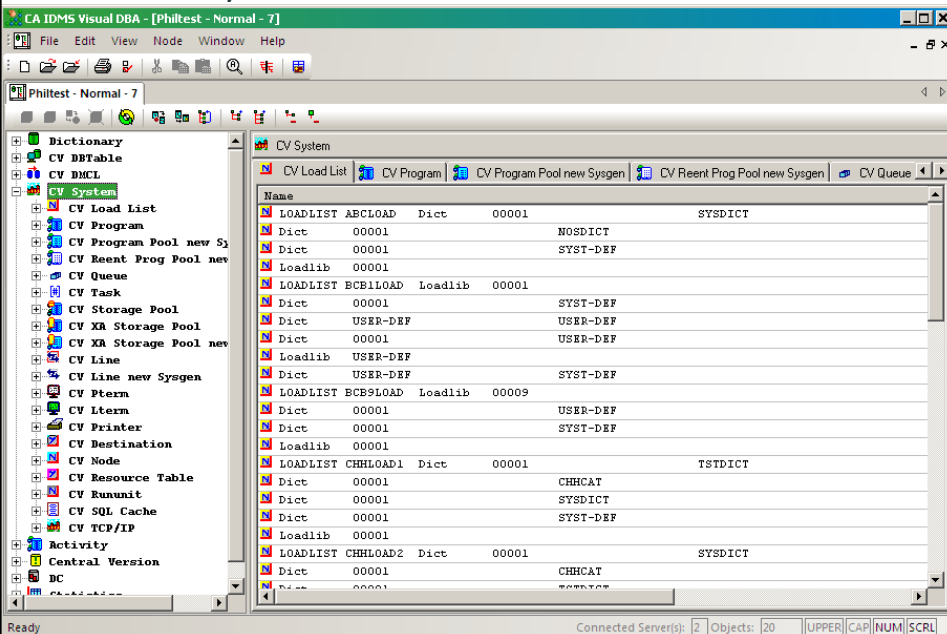
CV Program Module (*IDMSOCEF ASM) IDMSOCEF

Raw Prop

Property	Value
Module Name	IDMSOCEF
Assembly Date	20100803
Assembly Time	16.26
Product Name	CA IDMS
Product Release	18.0
RMID	RESERVE
Component ID	~ZAPFMID
Copyright (C)	1972-2010 CA...

Ready

Operations & Administration Run-time System



CA IDMS Visual DBA - [Philtest - Normal - 7]

File Edit View Node Window Help

Philtest - Normal - 7

Dictionary

- CV BBTTable
- CV BMCL
- CV System
 - CV Load List
 - CV Program
 - CV Program Pool new Sys
 - CV Reent Prog Pool new Sys
 - CV Queue
 - CV Task
 - CV Storage Pool
 - CV XA Storage Pool
 - CV XA Storage Pool new
 - CV Line
 - CV Line new Sysgen
 - CV Pterm
 - CV Lterm
 - CV Printer
 - CV Destination
 - CV Node
 - CV Resource Table
 - CV Rununit
 - CV SQL Cache
 - CV TCP/IP
- Activity
- Central Version
- DC
- Standard

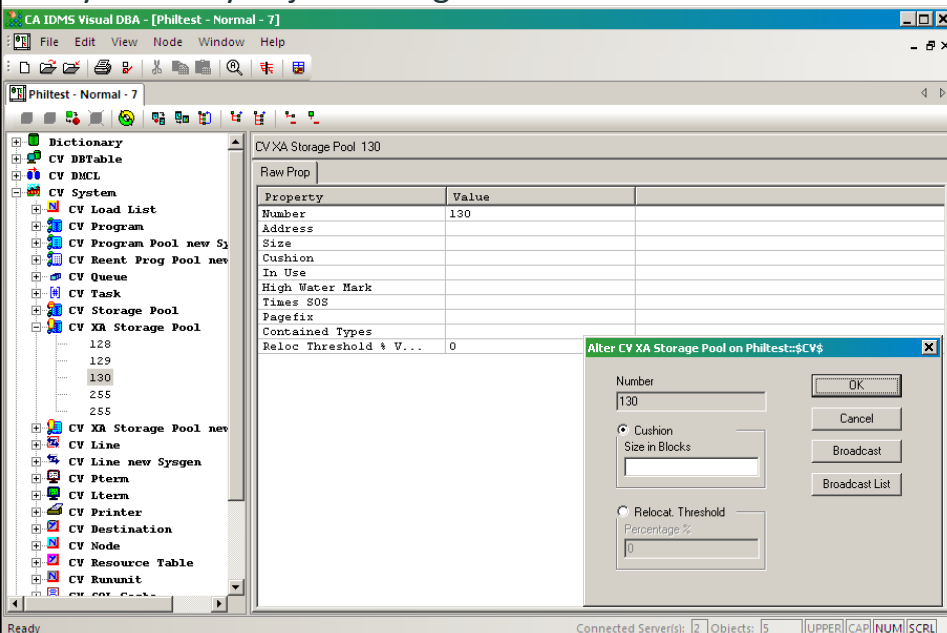
CV System

CV Load List CV Program CV Program Pool new Sysgen CV Reent Prog Pool new Sysgen CV Queue

Name	Dict	Dict	Dict	Dict	Dict
LOADLIST ABCLOAD	Dict	00001			SYSDICT
Dict	00001			WOSDICT	
Dict	00001			SYST-DEF	
Loadlib	00001				
LOADLIST BCBLOAD	Loadlib	00001			
Dict	00001			SYST-DEF	
Dict	USER-DEF			USER-DEF	
Dict	00001			USER-DEF	
Loadlib	USER-DEF				
Dict	USER-DEF			SYST-DEF	
LOADLIST BCBLOAD	Loadlib	00009			
Dict	00001			USER-DEF	
Dict	00001			SYST-DEF	
Loadlib	00001				
LOADLIST CHHLOAD1	Dict	00001			TSTDICT
Dict	00001			CHHCAT	
Dict	00001			SYSDICT	
Dict	00001			SYST-DEF	
Loadlib	00001				
LOADLIST CHHLOAD2	Dict	00001			SYSDICT
Dict	00001			CHHCAT	
Dict	00001			SYST-DEF	

Ready Connected Server(s): 2 Objects: 20 UPPER|CAP|NUM|SCRL

Operations & Administration Dynamically Adjust Storage Pools



CA IDMS Visual DBA - [Philtest - Normal - 7]

File Edit View Node Window Help

Philtest - Normal - 7

Dictionary

- CV BBTTable
- CV BMCL
- CV System
 - CV Load List
 - CV Program
 - CV Program Pool new Sys
 - CV Reent Prog Pool new Sys
 - CV Queue
 - CV Task
 - CV Storage Pool
 - CV XA Storage Pool
 - 128
 - 129
 - 130
 - 255
 - 255
 - CV XA Storage Pool new
 - CV Line
 - CV Line new Sysgen
 - CV Pterm
 - CV Lterm
 - CV Printer
 - CV Destination
 - CV Node
 - CV Resource Table
 - CV Rununit
 - CV SQL Cache
 - CV TCP/IP
- Activity
- Central Version
- DC
- Standard

CV XA Storage Pool 130

Raw Prop

Property	Value
Number	130
Address	
Size	
Cushion	
In Use	
High Water Mark	
Times SOS	
Pagefix	
Contained Types	
Reloc Threshold %	0

Alter CV XA Storage Pool on Philtest::CV\$

Number
130

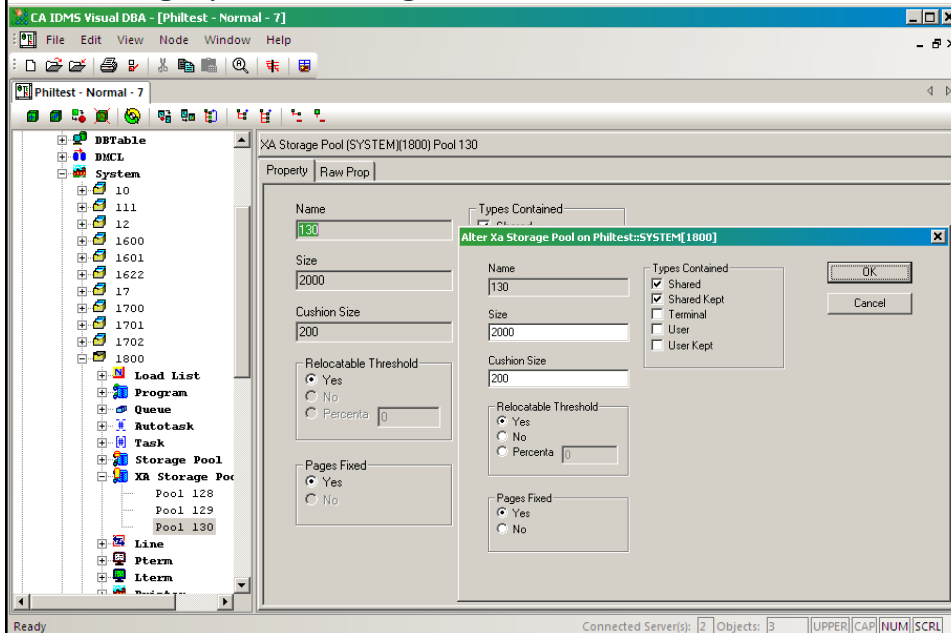
☒ Cushion
Size in Blocks

☐ Relocal Threshold
Percentage %
0

OK Cancel Broadcast Broadcast List

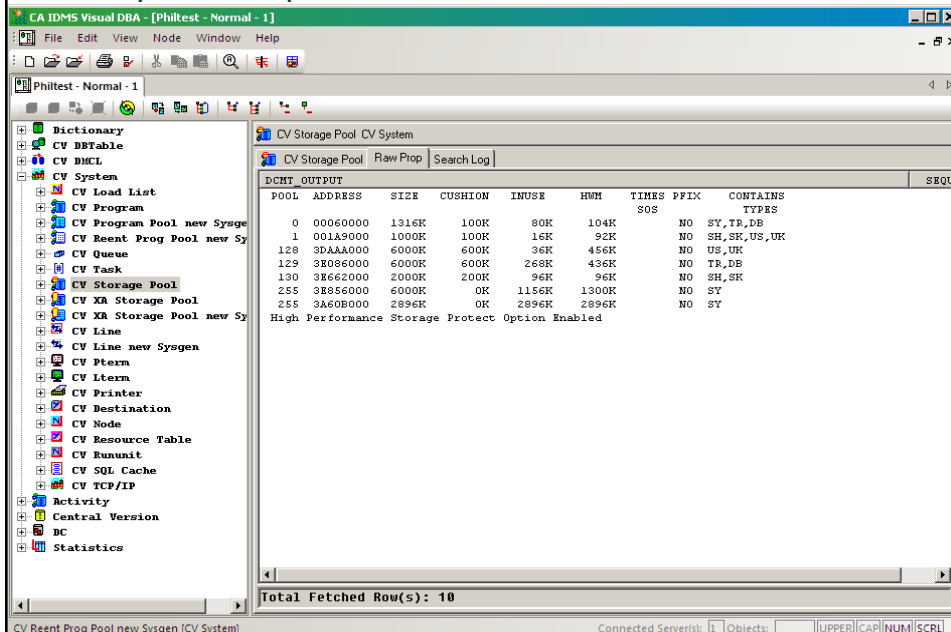
Ready Connected Server(s): 2 Objects: 5 UPPER|CAP|NUM|SCRL

Operations & Administration Making Dynamic Change Permanent



The screenshot shows the CA IDMS Visual DBA interface with the 'Philtest - Normal - 7' database selected. The 'XA Storage Pool (SYSTEM)[1800] Pool 130' is highlighted in the left pane. The 'Property' tab is active, showing fields for Name (180), Size (2000), Cushion Size (200), Relocatable Threshold (Yes), and Pages Fixed (Yes). A dialog box titled 'Alter Xa Storage Pool on Philtest::SYSTEM[1800]' is open, allowing modification of these properties. The dialog box has fields for Name (130), Size (2000), Cushion Size (200), Relocatable Threshold (Yes), and Pages Fixed (Yes). The 'Types Contained' section is also visible, with checkboxes for Shared, Shared Kept, Terminal, User, and User Kept. The 'OK' and 'Cancel' buttons are at the bottom right of the dialog box.

Operations & Administration Verify HPSP Implementation

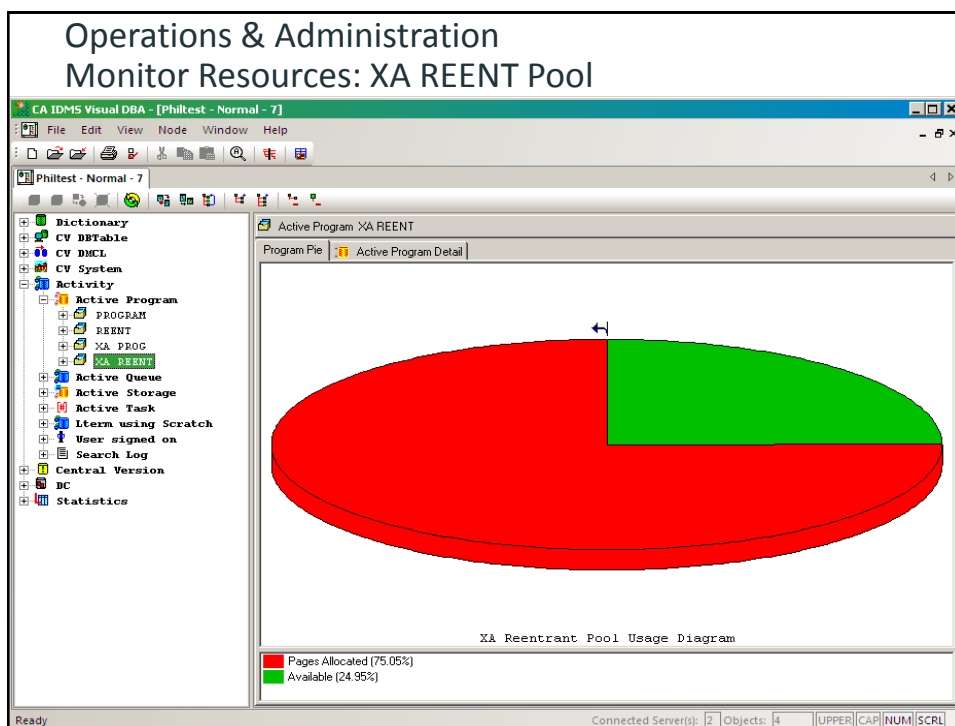


The screenshot shows the CA IDMS Visual DBA interface with the 'Philtest - Normal - 1' database selected. The 'CV Storage Pool CV System' is highlighted in the left pane. The 'Raw Prop' tab is active, displaying a table of storage pool information. The table has columns: POOL, ADDRESS, SIZE, CUSHION, INUSE, HWM, TIMES, PFX, CONTAINS, and SEQ. The data is as follows:

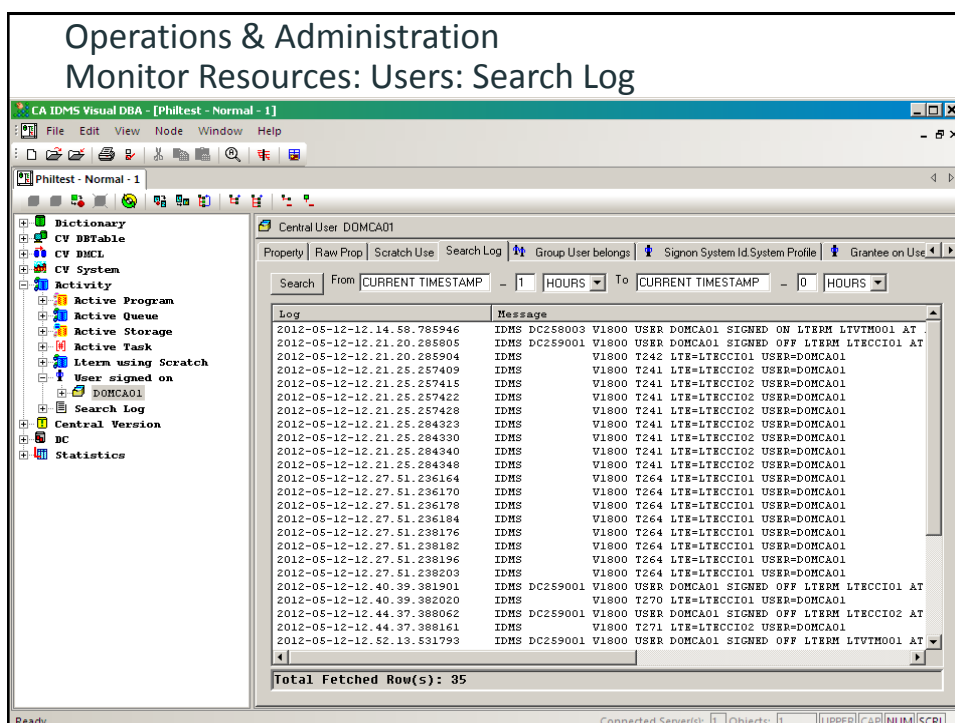
POOL	ADDRESS	SIZE	CUSHION	INUSE	HWM	TIMES	PFX	CONTAINS	SEQ
0	00060000	1316K	100K	80K	104K			NO SY,TR,DB	
1	001A9000	1000K	100K	16K	92K			NO SH,SK,US,UK	
128	3DA0A000	6000K	600K	36K	456K			NO US,UK	
129	3B086000	6000K	600K	268K	456K			NO TR,DB	
130	3B662000	2000K	200K	96K	96K			NO SH,SK	
255	3B856000	6000K	OK	1156K	1300K			NO SY	
255	3A60B000	2896K	OK	2896K	2896K			NO SY	

High Performance Storage Protect Option Enabled

Total Fetched Row(s): 10



Operations & Administration Monitor Resources: Users: Search Log



Central User DOMCA01

Property Raw Prop Scratch Use Search Log Group User belongs Signon System Id System Profile Grantee on Use

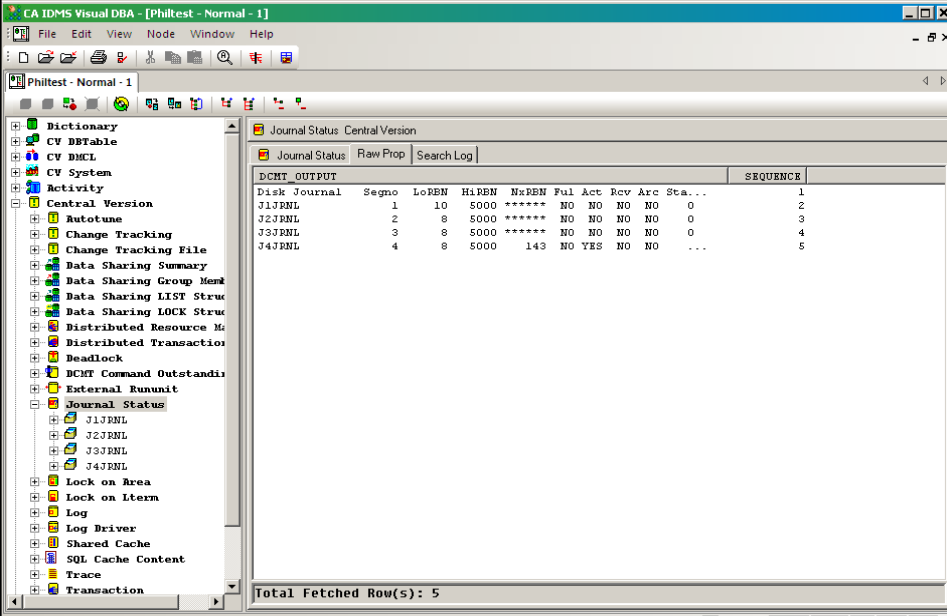
Search From CURRENT TIMESTAMP - 1 HOURS To CURRENT TIMESTAMP - 0 HOURS

Log	Message	User
2012-05-12-12.14.58.785946	IDMS DC258003	V1800 USER DOMCA01 SIGNED ON LTERM LTVIM001 AT
2012-05-12-12.21.20.285805	IDMS DC259001	V1800 USER DOMCA01 SIGNED OFF LTERM LTRCCIO1 AT
2012-05-12-12.21.20.285904	IDMS	V1800 T242 LTR=LTRCCIO1 USER=DOMCA01
2012-05-12-12.21.25.257409	IDMS	V1800 T241 LTR=LTRCCIO2 USER=DOMCA01
2012-05-12-12.21.25.257415	IDMS	V1800 T241 LTR=LTRCCIO2 USER=DOMCA01
2012-05-12-12.21.25.257422	IDMS	V1800 T241 LTR=LTRCCIO2 USER=DOMCA01
2012-05-12-12.21.25.257428	IDMS	V1800 T241 LTR=LTRCCIO2 USER=DOMCA01
2012-05-12-12.21.25.284323	IDMS	V1800 T241 LTR=LTRCCIO2 USER=DOMCA01
2012-05-12-12.21.25.284330	IDMS	V1800 T241 LTR=LTRCCIO2 USER=DOMCA01
2012-05-12-12.21.25.284340	IDMS	V1800 T241 LTR=LTRCCIO2 USER=DOMCA01
2012-05-12-12.21.25.284348	IDMS	V1800 T241 LTR=LTRCCIO2 USER=DOMCA01
2012-05-12-12.27.51.236164	IDMS	V1800 T264 LTR=LTRCCIO1 USER=DOMCA01
2012-05-12-12.27.51.236170	IDMS	V1800 T264 LTR=LTRCCIO1 USER=DOMCA01
2012-05-12-12.27.51.236178	IDMS	V1800 T264 LTR=LTRCCIO1 USER=DOMCA01
2012-05-12-12.27.51.236184	IDMS	V1800 T264 LTR=LTRCCIO1 USER=DOMCA01
2012-05-12-12.27.51.238176	IDMS	V1800 T264 LTR=LTRCCIO1 USER=DOMCA01
2012-05-12-12.27.51.238182	IDMS	V1800 T264 LTR=LTRCCIO1 USER=DOMCA01
2012-05-12-12.27.51.238196	IDMS	V1800 T264 LTR=LTRCCIO1 USER=DOMCA01
2012-05-12-12.27.51.238203	IDMS	V1800 T264 LTR=LTRCCIO1 USER=DOMCA01
2012-05-12-12.40.39.381901	IDMS DC259001	V1800 USER DOMCA01 SIGNED OFF LTERM LTRCCIO1 AT
2012-05-12-12.40.39.382020	IDMS	V1800 T270 LTR=LTRCCIO1 USER=DOMCA01
2012-05-12-12.44.37.388062	IDMS DC259001	V1800 USER DOMCA01 SIGNED OFF LTERM LTRCCIO2 AT
2012-05-12-12.44.37.388161	IDMS	V1800 T271 LTR=LTRCCIO2 USER=DOMCA01
2012-05-12-12.52.13.531793	IDMS DC259001	V1800 USER DOMCA01 SIGNED OFF LTERM LTVIM001 AT

Total Fetched Row(s): 35

Ready Connected Server(s): 1 Objects: 1 UPPER CAP NUM SCRL

Operations & Administration Monitor Resources: Journal Status



CA IDMS Visual DBA - [Philttest - Normal - 1]

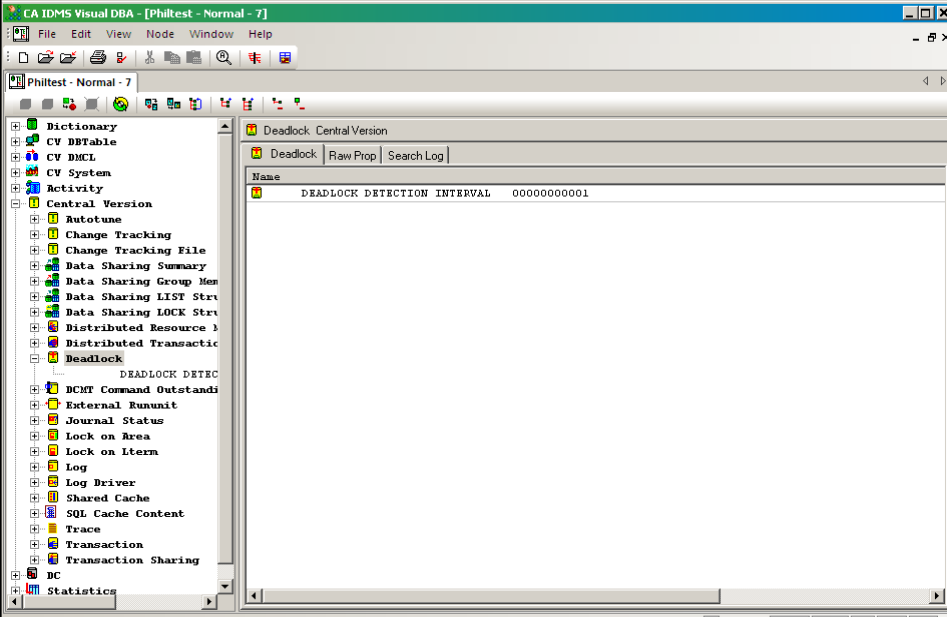
Journal Status: Central Version

DCMT OUTPUT													SEQUENCE
Disk Journal	Segno	LoREN	HiREN	NxREN	Ful	Act	Rev	Arc	Sta...				
J1JREN	1	10	5000	*****	NO	NO	NO	NO	0				1
J2JREN	2	8	5000	*****	NO	NO	NO	NO	0				2
J3JREN	3	8	5000	*****	NO	NO	NO	NO	0				3
J4JREN	4	8	5000	*****	NO	NO	NO	NO	0				4
J4JREN					143	NO	YES	NO	NO				5

Total Fetched Row(s): 5

Deadlock [Central Version] Connected Server(s): 1 Objects: 4 UPPER|CAP|NUM|SCRL

Operations & Administration Monitor Resources: Deadlocks



CA IDMS Visual DBA - [Philttest - Normal - 7]

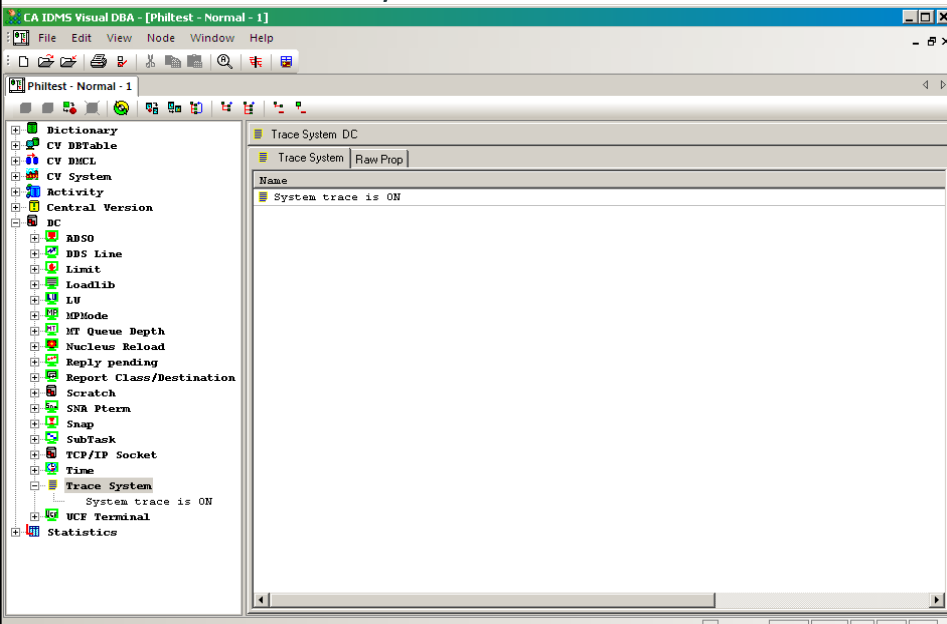
Deadlock: Central Version

Name
DEADLOCK DETECTION INTERVAL 000000000001

DEADLOCK DETECTION INTERVAL 000000000001

Ready Connected Server(s): 2 Objects: 1 UPPER|CAP|NUM|SCRL

Operations & Administration Monitor Resources: System Trace



CA IDMS Visual DBA - [Philttest - Normal - 1]

File Edit View Node Window Help

Philttest - Normal - 1

Dictionary

- CV BTable
- CV DMCL
- CV System
- Activity
- Central Version
- DC
 - ABSO
 - DBS Line
 - Limit
 - Loadlib
 - LV
 - MPMode
 - MT Queue Depth
 - Nucleus Reload
 - Reply pending
 - Report Class/Destination
 - Scratch
 - SNA Pterm
 - Snap
 - SubTask
 - TCP/IP Socket
 - Time
 - Trace System
 - System trace is ON
 - UCF Terminal
 - Statistics

Trace System DC

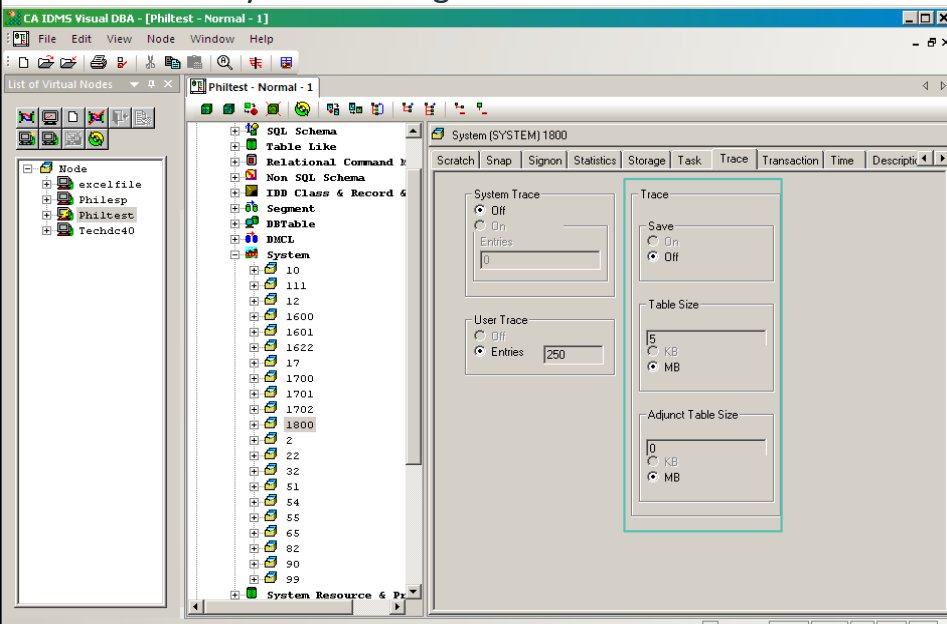
Trace System Raw Prop

Name

System trace is ON

Ready Connected Server(s): 1 Objects: 1 UPPER|CAP|NUM|SCRL

Operations & Administration Enhanced System Tracing



CA IDMS Visual DBA - [Philttest - Normal - 1]

File Edit View Node Window Help

Philttest - Normal - 1

List of Virtual Nodes

- excelfile
- Philexp
- Philttest
- Techdc40

SQL Schema

- Table Like
- Relational Command
- Non SQL Schema
- IDB Class & Record
- Segment
- BTable
- DMCL
- System
 - 10
 - 111
 - 12
 - 1600
 - 1601
 - 1622
 - 17
 - 1700
 - 1701
 - 1702
 - 1800
 - 2
 - 22
 - 32
 - 51
 - 54
 - 55
 - 65
 - 82
 - 90
 - 99
- System Resource & Pr

System (SYSTEM) 1800

Scratch Snap Signon Statistics Storage Task Trace Transaction Time Descripti

System Trace

Off

On

Entries

0

User Trace

Off

On

Entries

250

Trace

Save

On

Off

Table Size

5

KB

MB

Adjunct Table Size

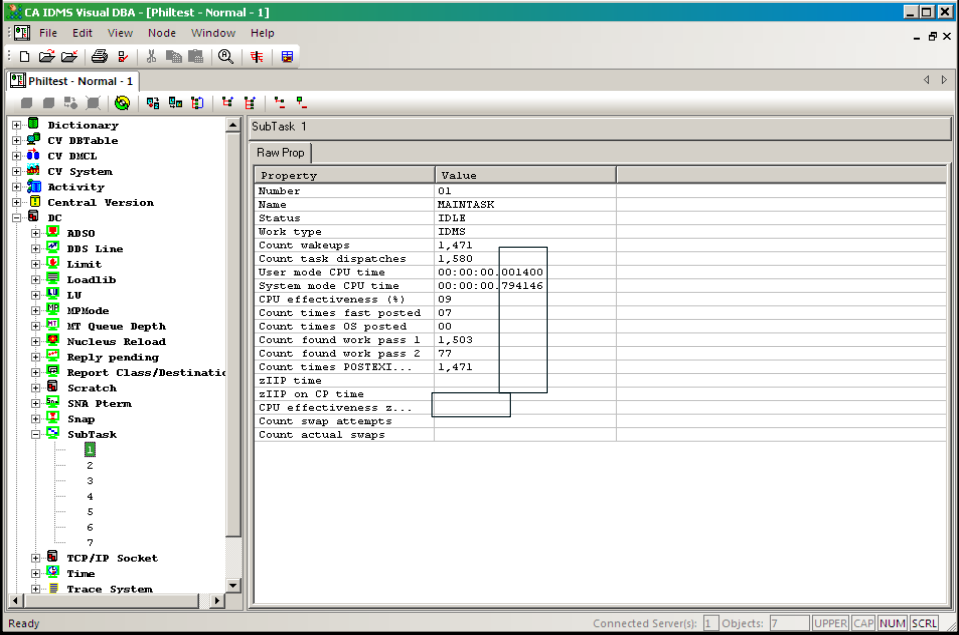
0

KB

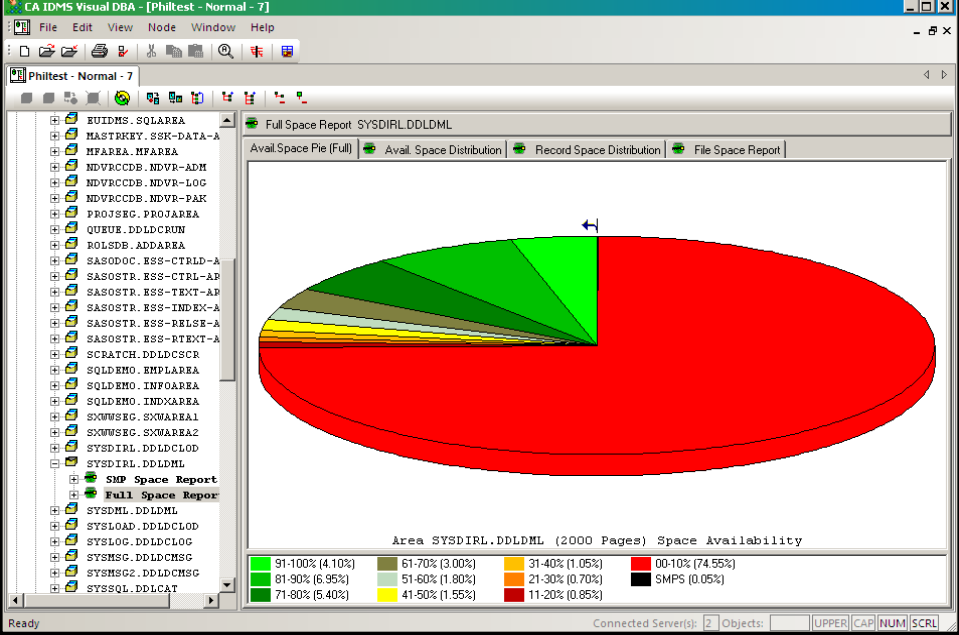
MB

Ready Connected Server(s): 1 Objects: 21 UPPER|CAP|NUM|SCRL

Operations & Administration Monitor Resources: zIIP



Operations & Administration Monitor Areas: Full Space Report



Operations & Administration

Monitor Run-Time Access

CA IDMS Visual DBA - [Philtest - Normal - 7]

File Edit View Node Window Help

Philtest - Normal - 7

Statistics Area

Area Bar Statistics Area Raw Prop

SYSDIRL.DDLDDL
Fnd-in-Buf: 9316
Fnd-Reads: 2000
Fnd-in-Cache: 0
Fnd-Writes: 1

Area Bar Statistics Area Raw Prop

Statistics Area: APPLCCDB.NDVR-PAK

Connected Server: 2 Objects: 64 UPPER|CAP|NUM|SCR|

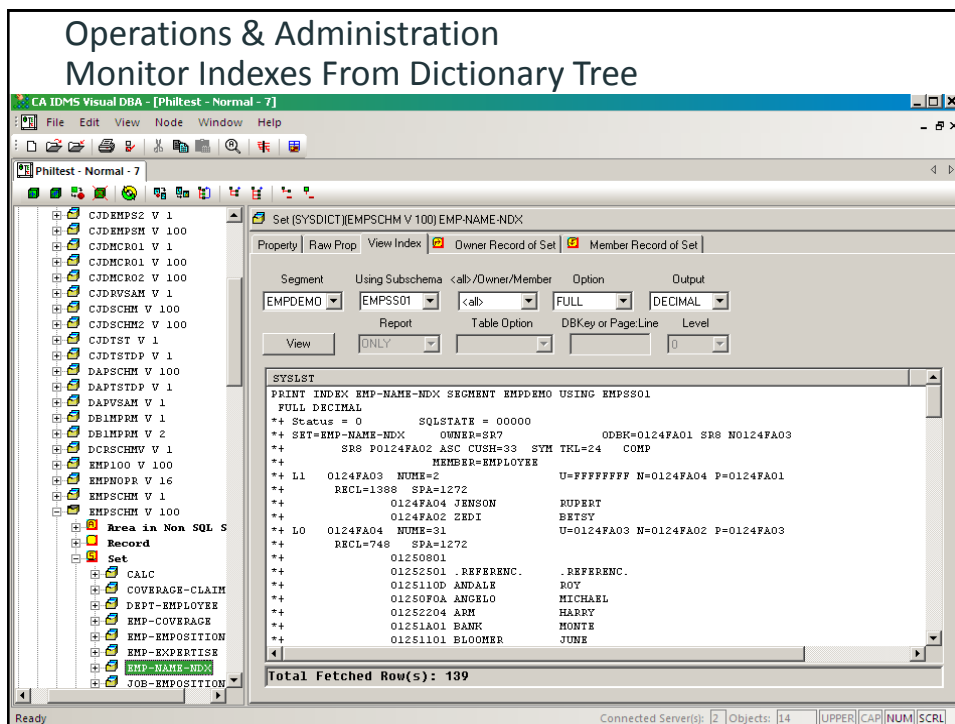
Operations & Administration

Monitor Buffers

The screenshot displays the CA IDMS Visual DBA application window titled "Philtest - Normal - 7". The interface is divided into several sections:

- Left Panel (Tree View):** A hierarchical list of statistics. The "Statistics Buffer" folder is expanded, showing a list of buffers including BTPEBUF, FMBUF, TOOLBUF, DEFAULT_BUFFER, LOG_BUFFER, VSAM_LSR_BUFFER, ANOTHER_BUFFER, BCBWBUFFER, TOOLBUFF, USVBUFF, XDBUFF, USDBUFF, ESGBUFF, SSGBUFF, ESSBUFF, A, and NSR_BUFFER. The "Statistics Interval" is set to "---- Buffer ----".
- Main Window:** Contains a bar chart and a statistics table.
 - Bar Chart:** The Y-axis is labeled "# (kilo)" and ranges from 0 to 20.0. The X-axis lists various buffers. The "DEFAULT_BUFFER" bar is the tallest, reaching approximately 18.0 on the Y-axis. It is composed of three segments: Fnd-in-Buf (green), Fnd-in-Cache (orange), and Phy-Writes (blue). Other buffers like LOG_BUFFER and VSAM_LSR_BUFFER have much smaller values.
 - Statistics Table:** Located to the right of the chart, it provides numerical data for the selected buffer (DEFAULT_BUFFER):
 - Waits: 0
 - Fnd-in-Buf: 14931
 - Phy-Reads: 1802
 - Fnd-in-Cache: 0
 - Phy-Writes: 86
- Bottom Status Bar:** Displays "Statistics Buffer: ---- Buffer ----", "Waits Fnd-in-Buf Phy-Reads Fnd-in-Cache Phy-Writes", and "Connected Server: 7 Objects: 18".

Operations & Administration Monitor Indexes From Dictionary Tree



CA IDMS Visual DBA - [Philtest - Normal - 7]

Set [SYSDICT] [EMPSCHEM V 100] EMP-NAME-NDX

Property Raw Prop View Index Owner Record of Set Member Record of Set

Segment EMPDEMO Using Subschema EMPSS01 <alb>/Owner/Member FULL Output DECIMAL

Report Table Option DBKey or Page Line Level

View ONLY

SYSLIST

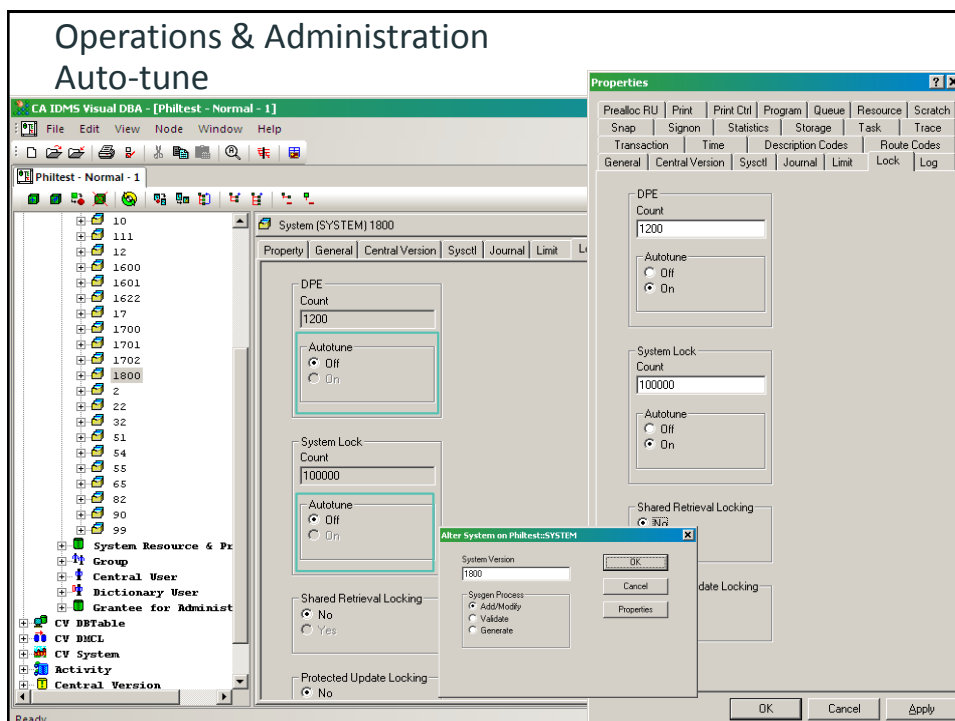
```

PRINT INDEX EMP-NAME-NDX SEGMENT EMPDEMO USING EMPSS01
FULL DECIMAL
** Status = 0 SQLSTATE = 00000
** SET=EMP-NAME-NDX OWNER=SP7 ODBK=0124FA01 SR8 N0124FA03
** SR8 P0124FA02 ASC CUSH=33 SYM TKL=24 COMP
** MEMBER=EMPLOYEE
** L1 0124FA03 NUME=2 U=FFFFFFFF N=0124FA04 P=0124FA01
** RECL=1388 SPA=1272
** 0124FA04 JENSON RUPERT
** 0124FA02 ZEDI BETSY
** L0 0124FA04 NUME=31 U=0124FA03 N=0124FA02 P=0124FA03
** RECL=748 SPA=1272
** 01250801
** 01252501 .REFERENC. .REFERENC.
** 0125110D ANDALE ROY
** 01250F0A ANGELO MICHAEL
** 01252204 ARM HARRY
** 01251A01 BANK MONTE
** 01251101 BLOOMER JUNE
    
```

Total Fetched Row(s): 139

Ready Connected Server(s): 2 Objects: 14 UPPER|CAP|NUM|SCRL

Operations & Administration Auto-tune



CA IDMS Visual DBA - [Philtest - Normal - 1]

System (SYSTEM) 1800

Property General Central Version Sysctl Journal Limit

DPE Count 1200

Autotune Off On

System Lock Count 100000

Autotune Off On

Shared Retrieval Locking

Protected Update Locking

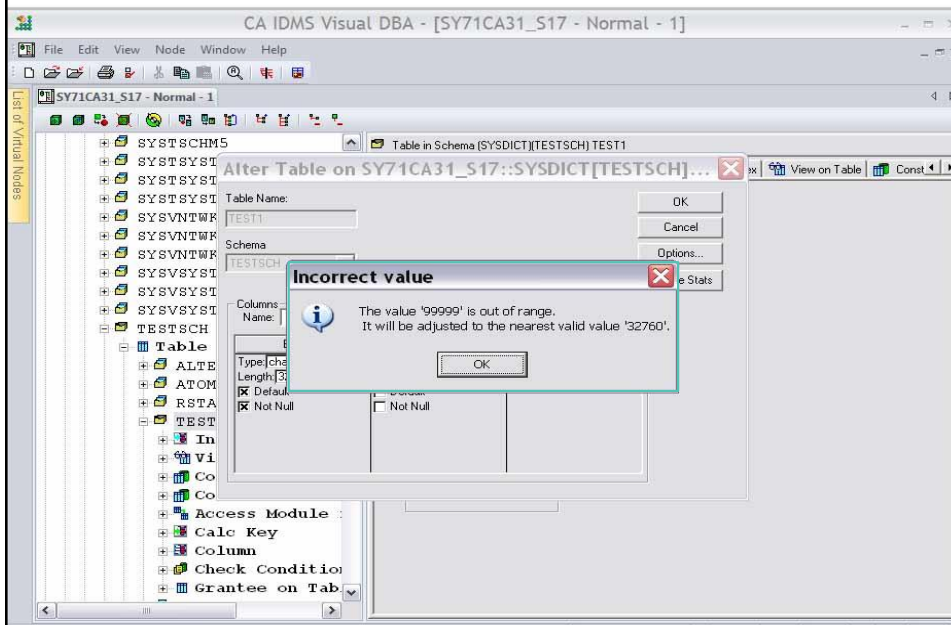
Alter System on Philtest:SYSTEM

System Version 1800

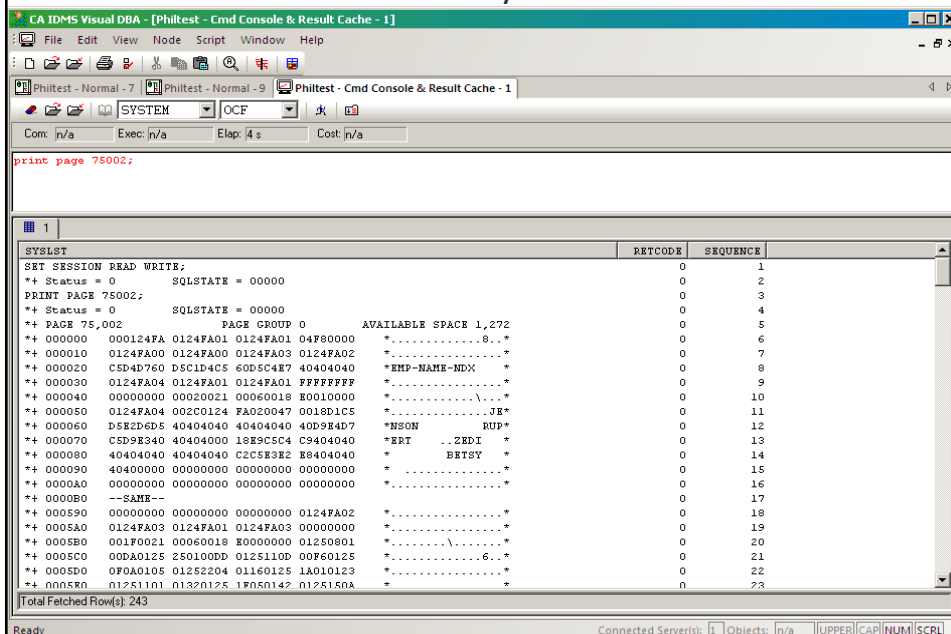
OK Cancel Properties

OK Cancel Apply

Operations & Administration Value Adjustment Warnings

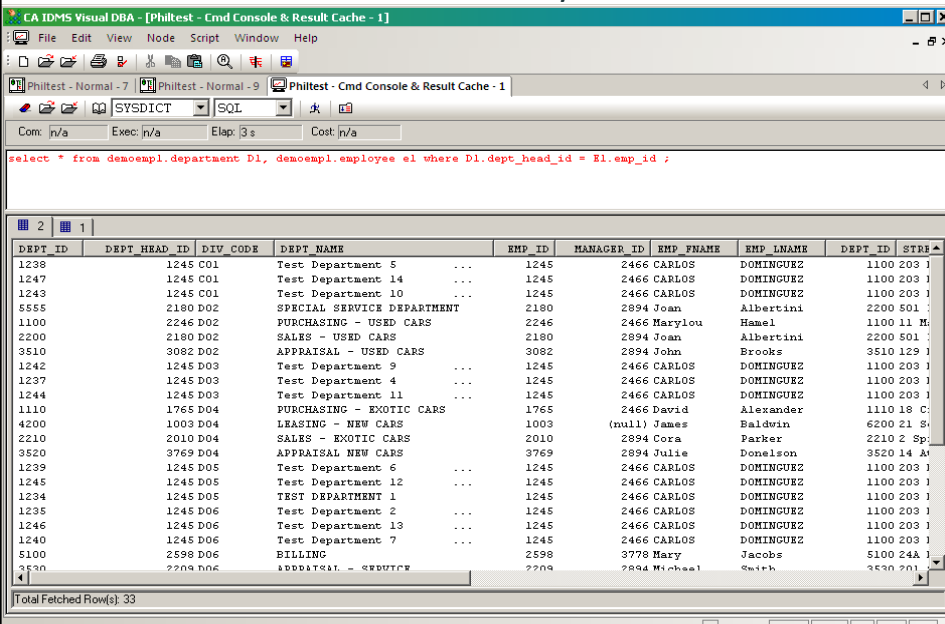


SQL Support Command Console: Submit Syntax



SQL Support

SQL Assistant Builds Executable Syntax



The screenshot shows the CA IDMS Visual DBA - [Philttest - Cmd Console & Result Cache - 1] window. The SQL Assistant is active, displaying the following query:

```
select * from demoempl.department D1, demoempl.employee E1 where D1.dept_head_id = E1.emp_id ;
```

The results are displayed in a table with the following columns: DEPT_ID, DEPT_HEAD_ID, DIV_CODE, DEPT_NAME, EMP_ID, MANAGER_ID, EMP_FNAME, EMP_LNAME, DEPT_ID, STPR. The table contains 33 rows of data, including departments like 'Test Department 5', 'SPECIAL SERVICE DEPARTMENT', 'PURCHASING - USED CARS', 'SALES - USED CARS', 'APPRAISAL - USED CARS', 'TEST DEPARTMENT 9', 'TEST DEPARTMENT 4', 'TEST DEPARTMENT 11', 'PURCHASING - EXOTIC CARS', 'LEASING - NEW CARS', 'SALES - EXOTIC CARS', 'APPRAISAL NEW CARS', 'TEST DEPARTMENT 6', 'TEST DEPARTMENT 12', 'TEST DEPARTMENT 1', 'TEST DEPARTMENT 2', 'TEST DEPARTMENT 13', 'TEST DEPARTMENT 7', and 'BILLING'.

Total Fetched Row(s): 33

Summary

- CA IDMS Visual DBA is a GUI-based tool that makes **administering, monitoring, learning and using** CA IDMS easy!
- Shortens learning curve for next generation MF workers
- Provides dashboard to manage, monitor, drag & drop

FOR INFORMATION PURPOSES ONLY Terms of this Presentation

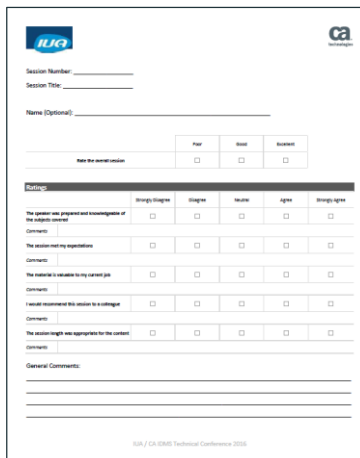
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- Rate the presentation:** A table with columns for Fair, Good, Excellent and rows for the speaker's preparation, knowledge, and presentation.
- Rating:** A table with columns for Strongly Dislike, Dislike, Neutral, Agree, and Strongly Agree, and rows for the speaker's preparation, knowledge, and presentation.
- Comments:** A section for general comments.