



NACC Software AG Products Update

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Topics for Discussion



- Product Issues
 - Natural User's Conference Information
 - VTS Overview (Roger Hayden)
 - SAG Product Upgrade
 - Conversion Issue
 - Miscellaneous Information
 - File-Aid
 - UNDO Command
- Final Comments



Product List



Core Products

- ADABAS 6.2.1
- Natural 2.2.8++
- Predict 3.4.1
- Entire Network 5.5.1

Optional Products

- Supernatural 3.1.5
- PAC 2.1.2
- Review 4.1.2
- Natural Advanced Facility 2.2.8
- Entire Broker 2.1.1
- Entire Connection 4.1.2
- Native SQL 1.6.2
- ADABAS Transfer 5.1
- Connect 3.2.2
- Natural VSAM 2.3.2
- APPC (Entire X) 4.2.1
- APAS/Insight (Non-SAG) 3.4.1
- Trim (Not SAG) 6.1.0
- Construct 4.1.1



NATURAL Users Conference



- Updated News Bulletin
 - URL is: www.wizinc.com/
- List of currently planned sessions:
 - NATURAL Performance
 - How to use the Data Dictionary Predict
 - Predict Application Control (PAC)
 - Change Management and Control
 - NATURAL Administration
 - Applications' Architecture
 - NATURAL 2.3 /3.1/NaturalX
 - NATURAL Tips and Techniques
 - Web Enablement / Natural@Web
 - Connecting to the Mainframe
 - Strategies for Delivering Applications
 - Building CONSTRUCT Models
 - NATURAL Tools



Virtual Tape System Implementation



- Technical Details
 - 64 Logical 3490 Drives
 - 100,000 Virtual Volumes in Cache
 - Specific volume mount in less than 3 minutes
 - Data file retained in Cache for 24 hours then offloaded to tape
 - Tape Cartridges are:
 - Mid-point Load 20 GB
 - Capable of storing 60-80 GB compressed
 - Tape Library
 - Unlimited Virtual volumes
 - 22 - 9840 Drives
 - 5,500 Slots and 2,280 tapes



Virtual Tape System Implementation



- Implementation
 - New Allocations to VSM
 - All current Esoteric Device types (except Round Reel and Center Located Drives) will be changed to point to VSM.
 - Minimal JCL Changes required (See below)
 - New Esoteric for floor drives
 - Real3480 (18 Track) Real3490 (36 Track)
 - Disaster Recovery
 - D/R allocates to 9840 Native (Non Virtual)
 - New Esoteric for DR Drives (DRTAPE)
 - All other off-site backups will need to be changed to use DRTAPE
 - Unit=3490 Issue
 - Disabled due to 3490 now represents 3 hardware types



Virtual Tape System Implementation



- Implementation (Continued)
 - Affect/Changes at Your Site
 - Tapes to be vaulted have to be changed to use UNIT=DRTAPE
 - Tapes Mailed Out?
 - Change to use REAL3480 or Real3490
 - JCL using UNIT=3490 Changed to use proper Esoteric
 - High Level Schedule
 - Receive & Install Hardware Complete 4/7/00
 - Implement NACOMN Complete 4/16/00
 - Implement First Centers 5/14/00
 - Implement Last Center 7/23/00



SAG Product Upgrade



- Upgrade Plan (Based on Available Options & OS390 schedule)
 - June 2000
 - (NACC) Product Mix Selected & Initial Testing Performed
 - Made available to centers but with understanding it may change
 - July 2000
 - DBA Level Testing
 - August - October
 - SESAAS & Other selected Application Testing Performed
 - Initial Report in September DBA/AWG Vits
 - Final Report in October Vits, alternative plans discussed if needed
 - November 2000 - January 2001
 - Center Application Testing Performed
 - February/March 2001
 - Implementation



SAG Product Upgrade



- Distribution of Products
 - Documentation Issue
 - NACC Web Site
 - Copy of CD for each site
 - SAG Web Site (Quest)
 - NACC/SESAAS will provide to each site
 - Product tape access and tape report (Word or faxed copy)
 - JCL used to load tapes (DSN placed it in Transient Storage Pool)
 - Documentation
 - Testing results via Vits, Emails, etc.

Conversion Issue



- Problem with Clists and Old Loadlibs
 - Found data with 1900 date being added
 - Reason: Users were using CLISTS pointing to old 226 Load Library
 - Solution
 - Added procedure change to rename old load libraries and archive (delete) them after a period of time

Miscellaneous Information



- Another ADABAS Newsgroup
 - Focus is mainly ADABAS D
 - Url is: www.liszt.com/news/comp/databases
- Natural 4 White papers
 - http://www.softwareag.com/natural/technical/Natural4_summary.htm
 - <http://www.softwareag.com/natural/technical/whitepaper.htm>
- Natural Command
 - Waste Paper (a synonym for the EJECT command)
 - If a program abends immediately after a WRITE (or DISPLAY) without WP you do not see that line written. If you include WP, it does get put out.

Miscellaneous Information



– SAGA URLs

– QUEST

- <http://quest.sagasoftware.com/>

– Support Request

- Open a new support request or update/view existing requests
- <http://supportrequest.sagasoftware.com/>

– NACC Documentation URL

– SAG documentation will be out there. Announcement and URL issues are still being worked at this time.

- Some books will require additional security level
 - You will need to call me to get userid and password

Miscellaneous Information



- D/R Lessons Learned
 - Data bases should be down when D/R backups are performed.
 - During D/R recovery, insure that Natural Global Buffer Pool is started prior to CICS and ADABAS
- CLOG/PLOG Issue (FYI)
 - Writing to DASD versus TAPE
 - Why?
 - Tapes unavailable, data bases will not come up or go down.
 - System IPL's have to wait on Tape Mounts & slows IPL time
 - VTS will hopefully help but we may reevaluate at a later time



FILE-AID/MVS Overview



- Product Information
 - Compuware product available on all ADMIN LPARS
 - Option “F” off the ISPF Main Menu
 - Version being installed 8.6, most centers are at 8.01
 - Contract Number: 4555
 - Help Desk
 - 800-538-7822
 - www.frontline.compuware.com
- Free Training Available
 - POC: Fran Vogel
 - Phone: (703) 749-8555 x 1217
 - Email: fran_vogel@compuware.com

FILE-AID/MVS Overview



- Functions
 - Browse, Edit & Print contents of files
 - Utilities (Display & catalog VTOC information; allocate, delete, and copy files; search and modify file elements; and perform File-AID/Batch functions).
 - Works with VSAM files (Create, Rename, Delete)
 - Creates GDGs
 - PDS File processing (Mass Changes)
 - Create and Maintain Selection Criteria for use in other functions
 - XREF for maintains Record Layout Cross Reference files for use with multiple type files

FILE-AID/MVS Overview



- Functions (Continued)
 - View (Displays Interpreted COBOL and PL/I Record Layouts)
 - Reformat (reformats input records and writes to a new file)
 - Compare (Compares contents of two data files)
 - Full documentation and Tutorial
 - TSO FACOPY function



Useful ISPF Commands



- UNDO Command

- Reverses the most recent changes that you have made.

- All the changes that you made since the previous ENTER or PF key was pressed are removed and the edit data will be as if the changes had never been made. You may be able to continue to UNDO transactions until there are no more recorded changes.

- Note: Changes made by initial edit macros cannot be undone.

- To use the UNDO command:

- Set RECOVERY ON or SETUNDO STG or SETUNDO REC

- Note that you can undo only those changes made after RECOVERY or SETUNDO was turned on

- UNDO is not accepted if any line commands or data changes are also specified since it would be unclear what is to be undone

Final Comments



- Questions/Concerns/Issues ???
- 2000 Vits Schedule (10 - 11am CST)
 - 5/23
 - 6/20
 - 7/18
 - 8/15
 - 9/26
 - 10/24
 - 11/21
 - 12/19