

## TRIM Version 8.1.x Release Notes February 2010

Treehouse Software, Inc. (TSI) is pleased to announce the release of TRIM v8.1.3. TRIM v8.1.3 has been thoroughly tested using ADABAS v8.1.4. TRIM may support releases of ADABAS later than 8.1.4, but since those releases were not available at the time of this release, TSI cannot be certain that TRIM v8.1.3 will support these later releases.

TRIM v8.1.3 supports NATURAL 4.x and above. TRIM v8.1.3 is compatible with ADABAS v8.1. TRIM v8.1.3 is the minimum release necessary to support ADABAS v8.2.

TRIM v8.1.1 original release date – April 2008.

Support for TRIM v7.5.1 and below ended October 1, 2008.

**Note:** TRIM v8.1 will not support PLOG-records for files with spanned blocks and/or expanded MU/PE capabilities. For further details refer to Limitations and Restrictions in the ADABAS Release Notes as provided by Software AG.

### **Enhancements**

- ADABAS 8.1 support.
- Storage areas to maintain the TRIM statistics are now obtained dynamically during initialization and are allocated from above the line.
- Increased counter sizes (up to 16E) for session statistics.
- Work area and file buffer storage for TRIM Batch is now obtained from above the line, eliminating the need to reduce volume for batch accounting and analysis.

### **Installation Notes:**

The various user-exit-B modules TRMUEXB\* have been combined into a unique link exit-1 named TSIUEX1G

TRIM now uses ADABAS User-Exit-11 instead of User-Exit-1 (which has been discontinued by Software AG). As a result, the method in which TRIM is activated has changed.

TRIM has been modified to take advantage of functionality provided by ADABAS UEX8. The start parameters defined via DDCARD need to be adjusted to define UEX8=TRMUEX8.

### **Summary of changes for version 8.1.2 – released January 15, 2009**

The following issues are resolved with TRIM v8.1.2

- Error printing the session statistics by frequency (reference 1-6661)
- The message 'TRMLOG V811 INCORRECT VERSION' is encountered, correct the validation of TRMLOG version (reference 1-6701)
- Invalid information regarding the NATURAL program and library (#note4xx, etc.) is displayed on the HPGM screen (reference 1-6715)
- Correction for SLOWDOWN processing in the batch ADALNK (reference 1-6737)
- The Accumulation of the Commands Per Hour By Job Name statistics are incorrect (reference 1-6813)
- Session statistics, file number 0 is displayed as blank, NUP is incorrect if it contains a non-zero value (reference 1-6889)
- Incorrect program and job names are displayed if SORT BY FREQUENCY is used and session statistics are printed every n hours (NOT only at session end) (reference 1-6920)
- Make UEX11=TRMUEX11 optional in such cases, where no dynamic control and security functions are executed via UEX11 communication runs (reference 1-7011)
- Correct error in XUQ handling, which may cause buffer overwrites (reference 1-7013)
- Handle Security for ADABAS as very first command correct (reference 1-7017)
- Resolve the following issues with TRIM Trace and Long Duration Command display (reference 1-7067)
  - Command options (COP) incorrect in trace detail
  - CICS Term-Id incorrect
  - Trace selection via command

### **Summary of changes for version 8.1.3 – released January 22, 2010**

The following issues are resolved with TRIM v8.1.3

- RTM Issues
  - NAT1143 errors are encountered in TRMDTTM
  - NAT1316 error occurs in TRMSNSA
  - E4IN screen record counts incorrect
  - E1PA screen incorrect
  - no selection criteria for TJOB and TFNR with SAG zap AN814016 applied
- Various TNM errors resolved
  - Refer to Section II.8.1 Link-edit TRIM User-exits into NATURAL in the TRIM v8 Installation Manual for details on the necessary modifications to the IEWL statements.
- S0C7 abends occur in TSIUEX1G
- TRMSLO does not function correctly
- S0C4 abends in TRMUEX4 if another UEX4 (APAS, etc.) is active
- Presum records not written to CLOG if the conditions below are true.
  - a) if PRESUM processing triggered by RTM command and no further commands issued against the nucleus until FEOFCL processing
  - b) FEOFCL processing immediately before ADAEND (no further commands against the nucleus)
- Show number of PRESUM records written in shutdown statistics
  - An additional line has been added to the shutdown statistics. Sites that evaluate the statistics via scripts should review their logic for possible impact.
- Buffer efficiency calculated incorrectly
- Support for an ADABAS buffer (ifb) greater than 16mb

- Enhanced support for NATURAL calls using the ADABAS v8 ACBX call interface  
This enhancement requires additional storage of User-info-Buffer (LUINFO), refer to Section II.9 Link-edit User-exits to ADABAS Link Routine of the TRIM v813 Installation Manual for details
- An incorrect day is displayed in the TRIM statistics for high-water mark values and long duration commands.
- Extended PRESUM and MINUTE statistics counters
- Improved PRESUM extraction from SMF  
Refer to Appendix E - PRESUM DATA EXTRACTION FROM SMF of the TRIM v813 Reference Manual for details.
- Allow parallel access to Securitre v331/TRIM v761 under ADABAS v7 and Securitre v411/TRIM v813 under ADABAS v8 using UXB2LKX1 and LKX12UXB
- The PRESUM record format for CLOGLAYOUT=5 has changed. Appendix K of the TRIM Reference manual shows the updated layout of the PRESUM records written to CLOG. Users evaluating PRESUM records with TRIM batch can continue to use the existing procedures/parameters without any changes, because TRIM batch has been enhanced to support both layouts in parallel.

The layout of the PRESUM SMF records is affected as part of this change as well. Therefore, a new TRMSMFEX load module is included with TRIM v813, which should be used to extract the CLOG records from SMF data. Sample JCL is provided in member JOSSMFEX of the TRIM Source dataset. It is recommended that sites implement the use of the new TRMSMFEX module as part of the TRIM v813 upgrade.

**Note:** The Natural program TRMSMFEX as supplied with the TRIM v813 release does not support the new PRESUM record format. Sites that wish to continue using the Natural TRMSMFEX module to extract the information from SMF must modify it to reflect the PRESUM record format as documented in Appendix K of the TRIM Reference manual.

The same applies for those sites reading PRESUM information from CLOG COPY or SMF data with their own grown application.