PROFILER for NATURAL Version 4.3.x Release Notes
January 2013

Treehouse Software is pleased to announce the release of PROFILER Version 4.3.2. Profiler v4.3.1 original release date – August 2012.

Notes: This release of PROFILER supports Natural 4.2.2 and above.

PROFILER Version 4.0.1 support was discontinued in October 2006.

PROFILER Version 4.2.1 should be used in a Natural 3.1.6 environment. Profiler v4.2.1 is the last release to support Natural 3.1.6.

Sites running the TNM features of Trim v8.x and Profiler v4.3.x should contact Treehouse Software and request Trim fix P19856.

<u>Enhancements</u>

<u>Profiler v432</u>

- A new user user exit, PRFUE02N - Password Functions Exit. This user-exit program is invoked when the QA Report function is use . A site may use this user-exit to require the Profiler Password to be entered (as is the case with the Administrator Functions) to use the QA Report Function.

- The need to activate NATURAL's internal trace function permanently in the NATPARM definitions has been eliminated. It is recommended to set ITRACE=OFF unless other products require a different setting. ITRACE=OFF will significantly reduce the impact Profiler has on an installation.

<u>Profiler v431</u>

- Natural v8.2 Support
- COM-PLETE compatibility
- A new PROFCFG source module provides the ability to modify the default settings of the Work buffer location, size of the work buffer, TRACE subsystem usage, and ADALNK name. Modifying the PROFCONF requires the assembly and link of PROFCONF using the sample JOSCFGA source member (see Section XII.2.3 of the Profiler manual for details). These new modules replace the JOSGETx and JOSTRA1 modules distributed in prior releases.

Fixes

Profiler v432

- Profile statistics (Execs, CPU, etc.) are shown for comment lines if the source code orginigates from INCLUDED source. Reference 19657
- Enhanced Reporting groups not working. Reference 19657
- Batch Summary Reports headings columns are out of alignment. Reference 19664

Profiler v431

This version of PROFILER for NATURAL incorporates all fixes since Version 4.2.1 including the fixes listed below.

- Objects "EXCLUDED due to Threshold settings." message is incorrectly encountered when Thresholds set to zero. Reference 16185
- The Copy session function does not work with Enhanced Reporting. Reference 16246
- Thresholds do not work correctly with Enhanced Reporting. Reference 16258
- Natural 4.2 changes:
    - The % executed information is always 100%. Reference 17551
    - Natural header is not parsed correctly . Reference 17640
    - Resolve storage violations under CICS. Reference 15973.
- Get the Userid from the PRFUEUID Userexit. Reference 16990
- Always mark end of parm-list in a CICS-system. Reference 17496