

## PROFILER for NATURAL Version 4.2.1 Release Notes June 2006

Treehouse Software is pleased to announce the release of PROFILER Version 4.2.1.

**Notes:** This release of PROFILER supports NATURAL 3.1.6 and above.  
PROFILER Version 4.01 will no longer be supported after October 2006.  
**PROFILER Version 4.2.1 is the last release of PROFILER that will support NATURAL 3.1.6.**

### Enhancements

- NATURAL 4.2 Support

### Fixes

This version of Treehouse Software's PROFILER for NATURAL incorporates all fixes since Version 4.1.1.

- The error 'PRO0020 :Error NAT1305 in Object PRF3102N on line 2640' is encountered. Reference 1-4114
- Statistics are not collected or are inconsistent. Reference 1-4114
- ASRA/S0C4 ABENDS occur when PROFILER is active. Reference 1-4117
- The error 'PRO0020: Error NAT0937 in Object PRF3200P on line 3940' is encountered when using the show copycode (PF2) function on the Source Code Listing Report. Reference 1-4524
- Nested copycode could not be displayed. Reference 1-4530
- A 'PRO0020: Error NAT1305 in Object PRF5301N on line 4620' error is encountered when activating a trace session in BATCH. Reference 1-4612
- A PRO0020: Error NAT0936 in object PRF5350B on line 2600 error is encountered when activating a trace session in BATCH. Reference 1-4612
- A 'PRO0083: Command ONLY available to Session Owner' error is encountered when activating a trace session in BATCH. Reference 1-4612
- A NAT1316 error occurs on line 3960 of PRFPRT2 when displaying the source code listing report. Reference 1-4727
- A NAT1316 error occurs on line 2730 of PRF3201N when displaying copycode on the source code listing report. Reference 1-4739
- The Source Code Listing report copycode execution count is incorrect when displaying nested copycode. Reference 1-4890

## **Installation Notes**

### **NATURAL (all environments)**

When assembling the NATURAL NATPARMS with a User Buffer Size (USERBUF) large enough to accommodate the statistics work area for PROFILER, the following MNOTE will appear:

```
ASMA254I *** MNOTE *** 4,USERBUF PARAMETER IS NO LONGER USED FOR THE DATA COLLECTOR.  
ASMA254I *** MNOTE *** 4,PLEASE USE RDCSIZE INSTEAD.
```

This message is informational only, and can be disregarded.

### **COM-PLETE**

When installing PROFILER under COM-PLETE, and NATURAL is configured to use a shared nucleus, if that shared nucleus is also shared by NATURAL for TSO, use the ADABAS batch link routine ADALNK, renaming it to ADALNKR, as the reentrant link routine used by PROFILER. The COM-PLETE link routine LNKOLSC cannot be used in a TSO environment, but the batch link routine ADALNK can be used under COM-PLETE.

### **CICS**

When installing PROFILER under CICS, a new module (TSICIADA) is provided that must be linked with both portions (shared and TP dependant) of the NATURAL nucleus. The shared portion of a shared nucleus must also have modules DFHEI1 and DFHEAI0 included from the CICS load library. Refer to **Section XII.2.11 Considerations of Using the NATURAL RDC Interface** for more information.

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| <p><b>Note:</b> If the CICS Link Routine name is not <i>ADABAS</i>, the name must be changed in TSICIADA via a zap. Refer to <b>Section XII.2.5 Apply CICS ADABAS Link Routine Name Zap</b> of the PROFILER Version 4.2.1 manual for more information on this zap.</p> |
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