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## DIF Installation: Verifying the Installation

### Testing the Tlog Trickle

The following steps will allow you to take an existing Tlog file to test the communication between DIF on the 4690 using the SA application and the WMQ system. This is a sample walkthrough to assure that everything is working properly. We have found a shareware tool (WMQTool) to be helpful in viewing the Tlog. The WMQ Explorer console limits viewing to 200 messages and often a Tlog will exceed this limit. Information on the WMQ Tool is available in the DIF Tools document.

If you are using GSA or ACE as your sales application, you may contact Partnerline for assistance. Please specify that you are participating in the Data Integration Facility beta.  
<http://www2.clearlake.ibm.com/store/support/html/plquestion.html>

#### ***Loading a New TLOG for Supermarket Application:***

This example assumes that the TLOG for Supermarket Application is EAMTRANA.DAT. A sample TLOG is available for download from the support site. Alternatively, you may use your own unique Tlog file.

#### **Prepare WMQ System:**

Delete old messages from WMQ. (Note if there is a problem doing it from the WMQ explorer, the WMQTool may be used.)

#### **Prepare the 4690 System:**

Turn off (or unplug) all the terminals attached to the 4690 controllers

#### **Stop all background tasks on 4690 System:**

Go to the Background Applications – [Alt + SysRq] [B]

Select the application– [NAME=xxxxxxxx.286]

Stop the application – [F8]

Do you want to continue? – [Y] [Enter]

Repeat for all applications. Stop [F8] everything that is showing up as Active.

Note: Might have to Page Down to assure that ALL active background tasks have been stopped.

Note: Be sure to stop **DIFSRVC.BAT** even if it is not running as a background application.

#### **Assure that DIF is NOT running:**

Check all the open windows. Command is [Alt – SysReq] N

If the DIF is running do [Ctrl C] to stop it.

#### **Clean up the SA files:**

Erase all the files in the subdirectory **\ADX\_IDT4** – [erase ADX\_IDT4:\*]

Erase the file **ADX\_IDT1\AMMTRNC.DAT** – [erase ADX\_IDT1:eamtrnc.dat]

Erase **EAM\*.\*** files from the ROOT directory – [erase \eam\*.\*]

#### **Clean up the DIF files:**

Delete the DIF TLOG files (indicates how much of the DIFQUEUE has been processed (sent to MQ)):

Erase the primary file – [ADX\_IDT1:diftlog.mqe]

Erase the backup file – [ADX\_IDT1:diftlogb.mqe]

Reset the DIFQUEUE – [dqsreset -q DIFQUEUE]

**Copy Tlog file** (new **EAMTRANA.DAT** into **ADX\_IDT4**):

Assure that you are in directory C:\ADX\_IDT4

C:\ADX\_IDT4> copy A:\EAMTRANA.dat (or your own unique Tlog file).

Note: Do NOT use this for the GSA application

Note: The path to the source TLOG file may be different. This assumes it is on a diskette.

Note: A sample TLOG is available for download from the Data Integration Facility Beta Test support web site.

You can also reuse the same TLOG, but you must remember to erase DIFTLOG.MQE and DIFTLOGB.MQE (defined in DIFSRVC.pro). These files define how much of the DISKQUEUE has been processed and sent to the Host. If you have already used the TLOG, nothing will happen if these files are not erased.

**Verify that message count in Difqueue is 0:**

Assure that you are in directory C:\ADX\_IPGM

To check message count enter C:\ADX\_IPGM> dqstatus -q difqueue

If the message count is NOT 0, and you want to reset

C:\ADX\_IPGM> dqreset -q difqueue

**Restart Background Applications:**

Go to the Background Applications - [Alt + SysRq] [B]

Select the application- [NAME=xxxxxxx.286]

Start Checkout Sales Support - [F7]

Note: STATUS should change to ACTIVE

Note: When the Checkout Support starts, it recreates the necessary files

When the Checkout Support application (ADX\_IPGM:EAMCSMLL.286) is restarted, after a short time the MESSAGE change and indicate "Processing..."

Turn on (or replug) all the terminals

**Check for number of messages (assure that there are messages in queue):**

Access a command prompt

Assure that you are in directory C:\ADX\_IPGM

C:\ADX\_IPGM> dqstatus -q difqueue

Note number of messages.

**Start DIF:**

Assure that you are in directory C:\ADX\_IPGM

C:\ADX\_IPGM difsrv

NOTE: If parsing is turned on it will take up to two minutes before trickling starts. Final message is "Listener (MyListener) already exists, no need to create a new one."

**Check for number of messages:**

Access a command prompt

Assure that you are in directory C:\ADX\_IPGM

C:\ADX\_IPGM> dqstatus -q difqueue

Note number of messages.

Once Check Out Support has completed processing all transactions, [dqstatus -q difqueue] should show message count decreasing

**Verify that messages have reached the server:**

Right click Q\_SA in MQ Explorer and Browse messages. NOTE: MQ Explorer will only show 200 messages. We have found a shareware tool (WMQTool) to be helpful in viewing the Tlog. Information on the WMQ Tool is available in the DIF Tools document.

### Turning on Debug

If you need more debug information, edit **DIFLog4j.pro** and change info to debug. Do not leave this on during normal operation, as it will cause a significant degradation in performance.

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