Oracle® Document Capture Batch Integrity Checker Utility

Technical Note

August 2008

This document describes how to install, configure, and run the Batch Integrity Checker utility for Oracle Document Capture and Oracle Distributed Document Capture.

This document covers the following topics:

- "About the Batch Integrity Checker Utility"
- "Installing and Configuring the Utility"
- "Running the Utility"

1 About the Batch Integrity Checker Utility

The Batch Integrity Checker utility scans all batches contained in selected file cabinets and verifies their integrity, alerting you to any errors it encounters. The utility is particularly useful if you discover a corrupt batch (receiving an error upon opening), but have not deciphered the exact problem.

> **Note:** The utility also checks the integrity of batches that have been sent from an Oracle Distributed Document Capture client.

2 Installing and Configuring the Utility

Follow these steps to install, configure and start the Batch Integrity Checker utility.

1. Make sure Capture has been installed and configured on the machine on which you will be running the utility.

2. Under Capture Batch Setup, make sure that you have properly configured the Capture database and Network Batches folder.

   The utility reads the registry keys containing the batch folder and the database settings. If Capture is not installed and configured properly, the utility cannot function.
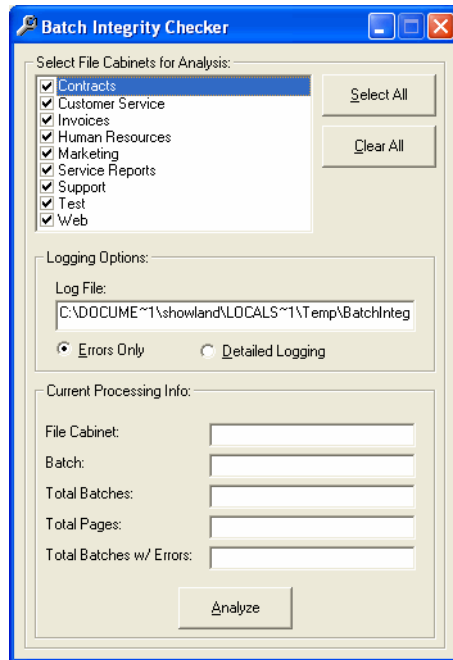
3. Locate the Oracle Document Capture Batch Integrity Checker Utility.

4. Copy BatchIntegrityChecker.exe into the working Capture application folder (for example, C:\Program Files\Oracle\Document Capture).

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3 Running the Utility

Follow these steps to run the Batch Integrity Checker utility.

1. Double-click the BatchIntegrityChecker.exe file.

   The Batch Integrity Checker screen is displayed. The utility automatically logs in to the database and retrieves the list of file cabinets from the Capture database.

2. Select the file cabinets you want to analyze. If needed, click the **Select All** or **Clear All** buttons.

3. Under **Logging Options**, specify the folder in which you want the log file written. Choose either Errors only (default) or Detailed Logging to write all details to the log file.

   > **Note:** By default, the log file is called BatchIntegrity.log. To change the name, enter a different filename in the **Log File** path field. Each time you run the utility, the log is appended to rather than overwritten.

4. Click the **Analyze** button.

   The utility begins running, processing each selected file cabinet and displaying its progress in the Current Processing Info area. When complete, it displays the text file it logged in the specified log folder.

```
BatchIntegrity.log - Notepad
File  Edit  Format  View  Help
07/13/2007 16:07:50 - Start File Cabinet: [Contracts]
07/13/2007 16:07:50 - Start File Cabinet: [Customer Serivce]
07/13/2007 16:07:50 - Start File Cabinet: [Invoices]
07/13/2007 16:07:50 - Start File Cabinet: [Human Resources]
07/13/2007 16:07:50 - Start File Cabinet: [Marketing]
07/13/2007 16:07:50 - Start processing batch: [ARN0000000000000] BatchID = 124
07/13/2007 16:07:50 ***ERROR*** - Batch Folder C:\Program Files\Oracle\Capture\Batch\002\0000003G\ does not exist.
07/13/2007 16:07:50 - Start processing batch: [ARN0000000000001] BatchID = 125
07/13/2007 16:07:50 ***ERROR*** - Failed to find file(s): [C:\Program Files\Oracle\Capture\Batch\002\0000003H\0000003H.7]
07/13/2007 16:07:50 - Start processing batch: [ARN0000000000002] BatchID = 127
07/13/2007 16:07:50 - Start File Cabinet: [Service Reports]
07/13/2007 16:07:50 - Start File Cabinet: [Test]
07/13/2007 16:07:50 - Start processing batch: [TESTIP0000000009] BatchID = 56
07/13/2007 16:07:50 ***ERROR*** - Page.Dat file does not exist in C:\Program Files\Oracle\Capture\Batch\001\0000001K\
07/13/2007 16:07:50 - Start processing batch: [TESTIP0000000011] BatchID = 59
07/13/2007 16:07:51 ***ERROR*** - Page.Dat file is empty in C:\Program Files\Oracle\Capture\Batch\001\0000001N\
07/13/2007 16:07:51 - Start processing batch: [TESTIP0000000012] BatchID = 61
07/13/2007 16:07:51 - Start processing batch: [TESTIP0000000026] BatchID = 78
07/13/2007 16:07:51 - Start processing batch: [TESTIP0000000028] BatchID = 80
07/13/2007 16:07:51 - Start processing batch: [TESTIP0000000029] BatchID = 82
07/13/2007 16:07:51 ***ERROR*** - Record(s) in ecBatchPages table but could not be matched in page.dat : [0000002A.X1]
07/13/2007 16:07:51 - Start processing batch: [TESTIP0000000031] BatchID = 87
07/13/2007 16:07:51 - Start processing batch: [TESTIP0000000032] BatchID = 88
07/13/2007 16:07:51 - Start processing batch: [TESTIP0000000033] BatchID = 90
07/13/2007 16:07:51 - Start processing batch: [TESTIP0000000034] BatchID = 91
07/13/2007 16:07:51 - Start processing batch: [TESTIP0000000035] BatchID = 92
07/13/2007 16:07:51 - Start processing batch: [TESTIP0000000036] BatchID = 93
07/13/2007 16:07:51 - Start processing batch: [IMP0607076067640] BatchID = 98
07/13/2007 16:07:51 - Start processing batch: [IMP0607076079282] BatchID = 100
07/13/2007 16:07:51 - Start processing batch: [IMP0607076116934] BatchID = 102
07/13/2007 16:07:51 - Start processing batch: [IMP0620074800102] BatchID = 111
07/13/2007 16:07:51 - Start processing batch: [TEST000000000029] BatchID = 120
07/13/2007 16:07:51 - Start processing batch: [S2-0000000000041] BatchID = 123
07/13/2007 16:07:51 - Start processing batch: [IMP0709072918343] BatchID = 129
07/13/2007 16:07:51 - Start processing batch: [IMP0709072922083] BatchID = 130
07/13/2007 16:07:51 - Start processing batch: [IMP0709072928019] BatchID = 131
07/13/2007 16:07:51 - Start processing batch: [IMP0713075335622] BatchID = 148
07/13/2007 16:07:51 - Start File Cabinet: [Web]
07/13/2007 16:07:51 - Finished - Processed 25 batches, and 230 pages.
```

The utility displays the number of batches and pages processed during the last analysis. When processing a file cabinet, it searches the ecBatches table on the respective FileCabinetID and runs tests on each batch with the matching FileCabinetID.

3.1 Utility Tests Performed

Here are the tests the utility performs, in the order in which they are run.

1. The utility verifies that the specified Network Batches Folder (Capture Batch Setup) can be located.

    If it does not exist, all further testing is aborted for that batch, and this error is reported: (***ERROR*** - Batch Folder [FOLDERNAME] does not exist.)

2. The utility opens the Page.dat file in the batch folder and compares the files listed in the Page.dat to the rest of the contents of that folder.

    ■ If the Page.dat file contains listings that do not exist in that folder, an error is reported.

    ■ If an error occurs reading the Page.dat file contents, the rest of the testing for this batch is stopped.

    ■ If a Page.dat file is not found, this error is reported: (***ERROR*** - Page.Dat file does not exist in [FOLDERNAME]).

    ■ If the Page.dat file contains no data, this error is reported: (***ERROR*** - Page.Dat file is empty in [FOLDERNAME]).

    ■ If a Page.dat file lists a file that could not be located in the folder, this error is reported: (***ERROR*** - Failed to find file(s): [FILENAME], [FILENAME] …etc.).

3. The utility queries the ecBatchPages table on a BatchID and compares the results to the contents of the Page.dat.

    If a record listed in ecBatchPages does not exist in the Page.dat file, this error is reported: (***ERROR*** - Record(s) in ecBatchPages table but could not be matched in page.dat : [FILENAME]).

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