



Re-engineering using Designer and Web Intelligence

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Background

- Our IT department was testing Business Objects for a new Information Management strategy
- Asked to recreate some of our current claims reports using Web Intelligence and Designer
- Rewrote one of the most time consuming reports

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Original Report

- 4 Cross Tab Reports
 - Claim Types across the top
 - Claim Units in the left column
 - Branches in the left column
 - Totals/Sub-Totals in the left column
 - Various types of Claim Counts in the data repeated for each Claim Type

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Original Report

- Break Processing
 - For Non-Specialty Claim Units there was a break on Branches
 - No Break on Specialty Claim Units

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Original Report

- Totals
 - Total for Non-Specialty Claim Units for each Branch
 - Total for Non-Specialty Claim Units for all Branches together
 - Total for each Non-Specialty Claim Unit individually
 - Total for all Specialty Claim Units together
 - Grand Total

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Original Report

- Repeating Data
 - Count of ITD opened/reopened claim files at the beginning of the quarter
 - Count of claim files opened during the quarter
 - Count of claim files reopened during the quarter
 - Count of claim files closed during the quarter
 - Count of claim files that changed status during the quarter
 - Count of ITD opened/reopened claim files at the end of the quarter

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Original Process

- Microsoft Access Process
- Excel Process
- Resulting report is on a Excel Spreadsheet

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Original Microsoft Access Process

- Accesses 9 Sybase input tables
- Creates 18 Microsoft Access tables
- There are 129 queries in the process
- Takes 2-3 hours to run

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Original Excel Process

- Contains 1042 Lines of Visual Basic Code
- Runs 48 Microsoft Access queries to load the spreadsheet
- Multiple queries are run to load each column on the spreadsheet
 - 18 data columns on the spreadsheet
 - Most queries are the same having only different parameters
- Takes about 1-2 hours to load Excel Spreadsheet

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Problems with Original Process

- Report is time consuming to run
- Modifications are time consuming due to having to make the same change in large amounts of queries
- Manual process
- Microsoft Access data base is large – 310M
- Difficult for users to run
- Took months for the programmer to create

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New Process

- Designer
- Web Intelligence Document

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Designer Process

- One main derived table consisting of 5 selects combined using “union all”
- Two derived lookup tables
- One SQL Server claims table

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Web Intelligence

- Consists of 4 queries
- Variables in place of lookup tables
- Web Intelligence Document contains 4 reports on one page
 - Report 1 contains the Branches and Non-Specialty Claim Units
 - Report 2 sums each Non-Specialty Claim Unit separately
 - Report 3 lists the Specialty Claim Units
 - Report 4 gives a Grand Total Count

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Results using Designer and Web Intelligence

- Now runs in 1 minute & 7 seconds
- Simplifies modifications
 - Now need to look at one derived table
 - Look at 4 queries
- Eliminates the manual running of the processes
- This report could be scheduled
- Universe & Web Intelligence document were created in a couple of days for this specific report
- Web Intelligence & Designer was easy to learn

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Web Intelligence Document

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Questions?