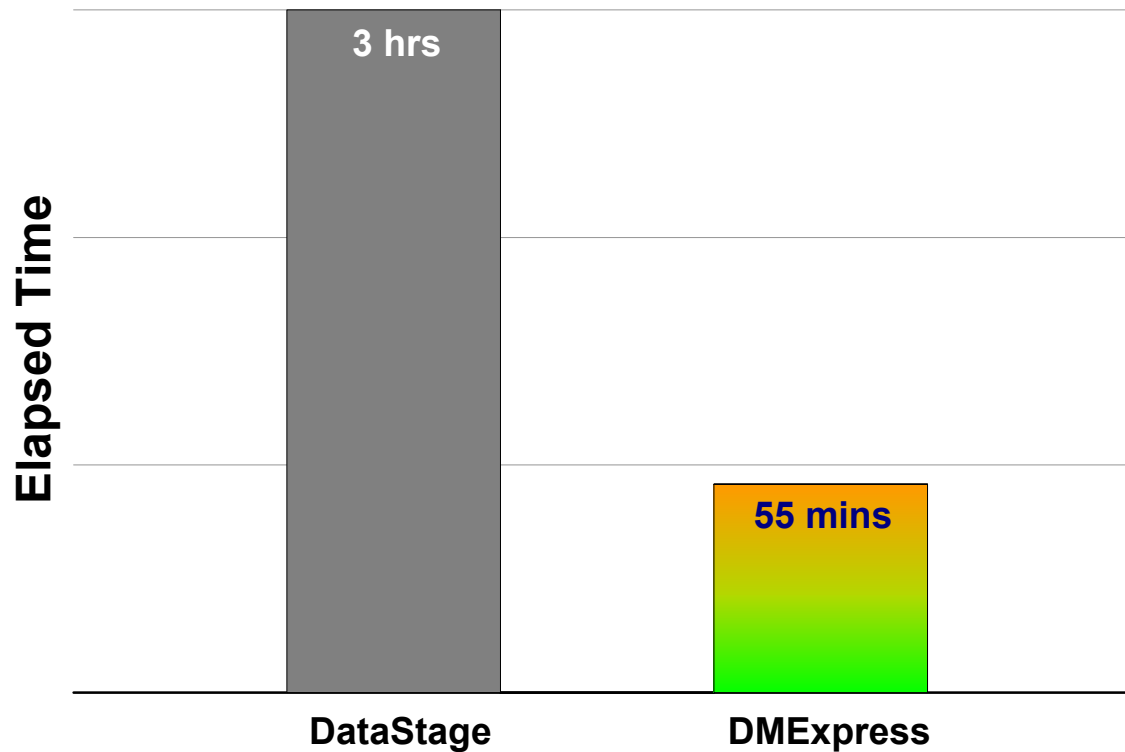


DMExpress. Get it done faster.



Leading Bank Processes 5.5 Gigs of Data More Than 3 Times Faster with DMExpress



“After a successful proof-of-concept with DMExpress that used complex join criteria to process 5.5 gigabytes of data, in less than an hour, we knew there was no other option. DMExpress got it done faster.” – Database Developer

Organizational Profile

- Full-service bank

Business Needs

- Enable on-line users to identify and monitor a customer's total relationship with the bank
- Process 5.5 gigabytes of demographic and account-related data contained in 44 disparate files from four banks

Environment

- Sun Solaris
- UNIX servers
- Windows client
- Oracle database engine

Benefits

- Process large volume of data 65% faster than the alternative solution
- Use complex joining and filter criteria to process 5.5 gigs of data in 55 minutes
- Easily and quickly create tasks through the GUI



Full Story →

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The Challenge

In addition to a wide range of traditional banking services, a leading bank offers a comprehensive array of investment, mortgage and insurance services, and has a network of loan origination offices for small businesses nationwide. To identify and monitor a customer's total business relationship, the bank developed a credit information reporting system. Essentially, the system combines the multiple obligations of a customer into a single lending relationship. It provides debt and deposit totals at both the customer and the lending relationship level, making it possible to create credit presentations, management reporting or loan portfolios.

The bank developed a process that takes files from multiple disparate sources and converts them to a common format. The files are then sent through an ETL process that ultimately populates a data mart for customer information reporting. The problem the bank faced was in the volume of data. The system had to process 5.5 gigabytes of demographic and account-related data for four affiliate banks. The bank sought a solution that could handle such a volume of data.

The Solution

The lead database developer and his team were tasked with evaluating different tools and selecting a solution that could handle this process. The decision came down to two major options: DMExpress and Ascential DataStage. DataStage failed in a proof-of-concept that involved files of fairly large sizes and complex join and filter criteria. Unable to handle large volumes of data, the system would often crash before finishing. When it didn't crash, it took 3 to 4 times longer than DMExpress.

"After a successful proof-of-concept with DMExpress that used complex join criteria to process 5.5 gigabytes of data, in less than an hour, we knew there was no other option. DMExpress got it done faster," the developer said.

The Benefits

When it comes to speed, DMExpress stands above the rest. "Wherever we find the need to process large amounts of data in a short amount of time, DMExpress is the obvious choice," the developer noted. "The GUI is also a nice touch. Having to hand code this type of project at the UNIX level would have been a humongous task. The GUI was invaluable in developing these tasks quickly."