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Attention: «Full_Name»
«Job_Title»



Speed up database ingestion and indexing of your data by orders of magnitude

Applying fast and efficient DBXten to your numerical data enables huge savings of time for storing and indexing large data sets while also reducing storage requirements

If your organization maintains high-volume data sequences, now's the time to find out why **DBXten**, a patent-pending DataBase eXtension developed by Barrodale Computing Services Ltd., should be a standard component of your mission-critical operations.

In the BCS Report "*Managing and Extracting Gridded Data: Flat Files or BCS Database Extensions?*" we compare the direct use of flat files (in netCDF format) with extractions from a database containing the same file information.

By arranging a chosen 4D dataset in tiles and storing them in the database, we show that the database – enhanced with the BCS database extension DBXten – offers performance that is comparable or superior to that obtained from a C program reading directly from the flat files.

Our overall conclusion is that DBXten can offer performance that is comparable to that obtained from a C program reading directly from the netCDF files.

Areas as diverse as GIS, signal processing, meteorology, financial analysis, and geophysics often involve storage and analysis of very large multidimensional data sequences (e.g., time series for stocks, hydrophone array output, 4D weather grids). Barrodale Computing Services would like to help you store, index, and access these kinds of data in a powerful database environment.

Why DBXten?

For database applications involving storage and manipulation of data sequences, DBXten can:

- Speed up insertion of rows more than 50-fold.
- Decrease your index sizes by a factor of 1000.
- Generate these indexes more than 1000 times faster.
- Decrease your database table sizes 10-fold.

DBXten Features

You can realize great gains in storing and retrieving data sequences through DBXten's:

- Suite of automated data compression algorithms.
- Table-in-table storage mechanism.
- Fast and compact index generation on the stored data.
- Fast search and retrieval capabilities using these indexes.

For more information about **DBXten**, please visit www.barrodale.com.
Then, contact **Ian Barrodale** at **(250) 704-4428**
or e-mail BCSinfo@barrodale.com to schedule a **teleconference**.