

XDM TABLE COPYING FAST & RELIABLE TEST DATA PROVISION



Corporations maintain large amounts of data in relational databases, and it is normal to find several instances for production, test and development. Refreshing testbeds from production systems is a vital part of the development, testing and quality assurance life cycle. Obtaining relevant test data requires copying from one instance to another. The window of opportunity for copying or migrating production data is constantly decreasing as the demands from 24x7 operations are increasing. Limited resources and shrinking batch windows make data delivery to QA difficult.

Benefits

- *Scheduler controlled automation*
- *Productivity via copy models*
- *Autonomous migration process*
- *Speed-up test preparation*

Features

- *Field transformation for compatibility*
- *Adjustment of identity columns*
- *DDL generation in accord to platform*
- *Structure comparison report*
- *Mass processing language*

XDM Table Copying quickly and efficiently refreshes and replicates databases, tables, views, etc. It copies within the same or to different DBMS systems. A XDM Table Copying task integrates both, the physical data movement and the appropriate DDL treatment. It copies tables and databases and creates the data objects at the target if they are not yet present. XDM Table Copying always chooses the fastest and most efficient method to move the data. Hence, copy jobs are completed in record time. DBAs are no longer forced to wait for weekend slots. They are able to copy/migrate test data on regular weekday shifts, without preparing and controlling sophisticated processes. The huge check list, which is usually needed for such tasks, can eventually be dropped.

Test data on demand is a dream that comes true for QA, development and test staff. XDM Table Copying offers relief where the need is greatest. It significantly cuts down runtime and costs. It reduces manual efforts by 90%+ and shortens the preparation lead time.

Automation required

XDM Table Copying provides completely automated copy procedures. Its workstation interface allows the copy process to be easily defined: Identify the objects to be copied by specifying select/exclude patterns. The powerful rename mask facility makes adhering to naming conventions a simple and error free task. A XDM Table Copying process executes either under the control of the product or of an in-house scheduler. Once the copy process is started there is nothing else to do. XDM Table Copying automatically generates the DDL for the selected objects/databases using the specified target names. It executes the DDL in the target DB2 environment, tailors the respective JCL and generates the required statements for the copy program. What if the target objects already exist? XDM Table Copying still automates everything. It ensures that the target DB2 objects match the source objects. Structural differences are detected and successful completion of the copy process is guaranteed. Incompatible objects can be dropped and recreated, or skipped completely without any intervention by the user.

Why is XDM Table Copying so fast?

XDM Table Copying uses parallelism as a performance enhancement technique. It operates in a multi-threading mode and copies ten to eighteen tablespaces in parallel. Another enhancement feature involves copying indexes. This is much faster than rebuilding indexes.



XDM Table Copying – FAST TEST DATA PROVISION



A copy task, couldn't be easier

- *Select the DBMS instances, source & target*
- *Select the objects (database or tables)*
- *Define renaming rules to the copy objects*
- *Choose whether the indexes are to be copied*
- *Choose whether the source objects should be »read only«*
- *Define how the data should be transferred between server instances - either over network transfer or a shared drive*
- *Execute the job under XDM's control, with your scheduler or manually stage by stage*

Making the Copy Process Easy

A fast and efficient copying tool is only one part of the solution. The XDM Table Copying user interface is intuitive and easily meets the needs of both experienced efficiency minded experts and less technical application level users. No need of any technical knowledge about the DBMS is required. Users only specify what they want to do in order to copy from here to there.

Who needs XDM Table Copying?

In short, everyone who wants to improve and accelerate test data provision or data migration. Cost savings are appreciated by those who have budget responsibility. Application development teams, QA groups, technical support staff, auditors and, of course, end users need the data to get their jobs done. XDM Table Copying reduces the amount of weekend and off-shift time usually needed for the copy and refresh process. This allows more quality work to get completed during regular shift hours. Shops running with reduced or less experienced staff are among our most vocal supporters. Getting the job done is, after all, the true mission of IT. When data is not available, the job does not get accomplished and the whole organization pays the price.

A Quick View of XDM Table Copying

XDM Table Copying provides efficient, manageable and fast copying of relational data. It automatically:

- Extracts definitions from the source system
- Transfers the definitions to the target system, renames the objects as specified and applies them at the target system (CREATE, or DROP and CREATE)

- Compares the source definitions with existing target objects for compatibility. Uses this information to adapt the target environment (Drop/Create).
- Copies pagesets from source to target
- Makes target objects ready and starts them
- Provides summary/detailed reports by e-mail after the process finished, which is beneficial for scheduler automated processes
- Offers a Control Language to import/export task definitions, to define tasks without starting a »FatClient«, to define tasks from batch, and to simplify integration of XDM Table Copying into present (web) apps

Contact Us For More Information

We offer a free 30-day trial evaluation as well as a private web demo. Learn more about XDM Table Copying and the components, Database Cloning and Row Level Processing, at:

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