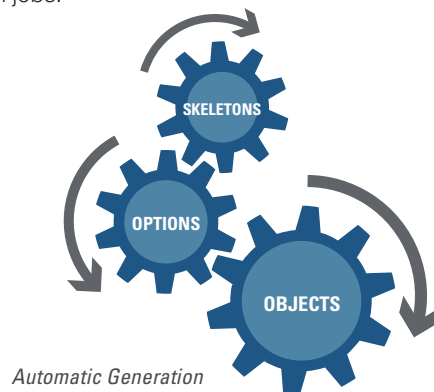# TUC™
AUTOMATING
DB2 MAINTENANCE

DB2 maintenance tasks include backup, reorg and statistics collection. TUC automates the generation and triggering of maintenance jobs. Real Time Statistics and thresholds are used to trigger utilities only when needed. TUC identifies any new object and refreshes the maintenance jobs automatically. Customization options allow the administrator to easily control utilities, objects and resources.

Objectives

- *Automate the generation of utility statements*
- *Ensure all objects are covered*
- *Identify candidates for utility processing*
- *Minimize resource consumption of utilities*
- *Exploit parallelism and balance workload*
- *Remove dependency on specific vendor*
- *Integrate utilities and applications*
- *Leave control in the hands of administrators*
- *Provide a single point of control*
- *Increase administrators productivity*

Grouping Objects

DB2 objects are grouped in profiles for uniform processing. Utility statements and jobs are generated for all objects in scope. Generic notations can be used to include objects in a profile. Utility statements are refreshed automatically whenever a table or an index is dropped or created. Skeletons are used to control how a statement should look. Utility options can be assigned for each profile. Profiles are created automatically for any newly created database. To balance the workload, profiles can be processed by multiple parallel jobs.

Automatic Generation

Triggering Execution

DB2 collects Real Time Statistics that can be used to identify the rate of changes since the last COPY or REORG. TUC allows you to define rules to examine Real Time Statistics and catalog statistics and qualify objects for utility execution. Utility jobs can be automatically triggered and handed over to a scheduler to process only the selected objects. Objects are processed by priority and can be excluded. The mangement of incremental copies allows the triggering of full copies only when needed.

Processing Requests

TUC has a unique mechanism that allows users to trigger maintenance procedures at meaningful points in time that fit into the application's jobs flow. Jobs can be handed over to the scheduler as needed. This approach differs from common solutions because it takes into consideration the business requirements.

TUC allows full integration with application jobs and avoids collision between utility jobs and application processing. In addition, authorized users can indirectly request the execution of maintenance procedures without approaching the DBA team. However, the responsibility and control of the operation stays in the hands of the administrators.

TUC™ – AUTOMATING DB2 MAINTENANCE

Features

- *Grouping objects in profiles*
- *Customizing utilities using skeletons and options*
- *Generating utility statements*
- *Examining Real Time Statistics to identify maintenance*
- *Processing requests and tracking progress*
- *Handing over jobs to the scheduler*
- *Calculating estimated space*
- *Relating datasets to objects*

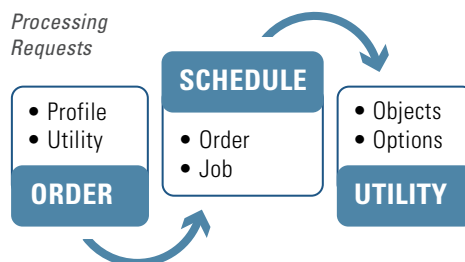### Click Links Below for more Information:

Backup & Recovery Automation
REORG Processing
zPARMS Management
Log Processing

» *Take total control of utilities –*
Use Total Utility Control. «

Why TUC?

TUC automates the generation and execution of DB2 utilities and allows you to handle your DB2 maintenance efficiently. TUC automation helps saving resources and cutting down expensive maintenance tasks while ensuring full recoverability and availability. TUC allows you to cut the cost of backups, REORG and statistics collection by using Real Time Statistics. TUC improves the DBA productivity and allows easy automation of repeatable tasks. You can minimize the damage of availability loss by ensuring fast recovery. Efficient database maintenance also improves the overall system performance by increasing capacity. TUC is the ultimate product to automate the DB2 maintenance procedures by providing dynamic services to match your needs and demands.

Processing Requests

ORDER
- Profile
- Utility

SCHEDULE
- Order
- Job

UTILITY
- Objects
- Options

The DB2 High-End Product Line:

BCV4™
Full DB2 Subsystem Clones in minutes versus days

BCV5™
Save 90% CPU & Run Time with each DB2 copy

BCV6™
Log enhanced copies for 24x7 DB2 refresh/migration

BPA4DB2™
Premier advisor for DB2 buffer pool optimization

ULT4DB2™
Easily identify & restore unwanted changes of DB2 data

TUC4DB2™
RTS & Policy driven automation of DB2 data maintenance

XM4DB2™
Pro-active surveillance for a greater DB2 availability

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Contact Us For More Information

We offer a free 30-day trial evaluation as well as private web demo. Learn more about TUC and our complete line of DB2 z/OS products at: