



Announces TestBase Release 5.2

5.2 Enhancements - Initial Release 06-26-2015

- 1. Pre-Compiled with DB2V11 and DB2V10**

This allows users to exploit the latest optimization of the current releases of DB2. The most current DBRM's are included for the user's release of DB2 which provides the optimizer the opportunity for the best access paths possible. Newer releases of DB2, especially version 11, provide more and more optimization opportunities. This yields faster and sometimes less expensive processing.
- 2. Exploits Enterprise COBOL for z/OS® , V5.1 with highest level of optimization which seems to yield about a 10% performance enhancement resulting in faster file extracts, data masking and loads**
- 3. TestBase Privatize and Populate option now provides the ability to extract from an existing subset of slice data (Slice Version) (Batch Parm 471)**

An example of this feature is when a slice needs specific test case(s) which exist in a slice version but needs to be added to a different slice version without adding other unwanted data. In previous TestBase releases, a slice would be loaded with the version from which to extract, the extract executed and then loading that extract to the desired slice. Users then wait for the initial load before the extract and load could commence. TestBaseV52 now allows a simple extract from a slice version followed by loading the result to any target slice. This saves time and eliminates waiting.
- 4. TestBase Mandatory Masking (Data Privacy) now allows users to replace the object being masked with a different source (table, view, TestBase view, etc.)**

Test client data may need to be obfuscated / masked by assigning to pre-determined names, addresses, phone numbers and account numbers. Previous TestBase releases created a translate table one column at a time. This new privacy feature allows users to create one translate table and join to it yielding the same results for each and every extract as well as achieving consistency from one table to the next. It also allows mapping a same name such as "Smith" to different values for different clients. Things a simple translate table could never accomplish.
- 5. TestBase Slice - Lock table process allows for the removal of statements from a source library**

TestBase Slice does not work with applications that use the SQL LOCK TABLE statement. This is in fact a desirable thing, since the use of LOCK TABLE would prevent other slices from operations for the duration of the lock. TestBase now offers a program that reads through a source library and replaces the SQL LOCK table statements with an SQL INCLUDE. It will also create the INCLUDE member for the non-sliced environment that has the LOCK table and an include member for the slice environment that merely has MOVE ZEROS TO SQLCODE. These include members can be included either in the test or production compile process.
- 6. Some TestBase install tables add keyword VOLATILE to protect against inadvertent RUNSTATS**

Adding the keyword VOLATILE can protect users against inadvertent runstats and changes in access path on TestBase tables. Otherwise shops with very little data in the TestBase repository tables can find that tablespace access is being chosen over the indexes provided which then yield incorrect results.
- 7. TestBase file compare - Option added to eliminate tables that match from the report**

Compare reports can produce many lines often just to say that nothing changed in this table. This option creates shorter reports which allow users to quickly focus on only the changes.

- 8. TestBase Privatize and Populate Privacy Option 1.0 split into object and column privacy**
Before this release, these were combined on one panel. It was often confusing as to whether it was a column mask or an object mask. Now they are separate options, 1.0.1 (Object Privacy) and 1.0.2 (Column Privacy).
- 9. TestBase Edit retains WIDTH data-type commands between edit sessions**
- 10. Extracts using QSAM and VSAM file sources now uses sort which saves 20% on file access rather than using a global temporary table.**

TestBase 5.2 Maintenance Enhancements - Release date descending order

5.2.0 Enhancements B – 08-28-2015

1. Add CICS Slice Exit enhanced to work with Intertest
2. Extract from extract for LOBs is now supported
3. Unsliced Tables in a Target set not updated correctly and preventing DB2 Load Utility to be used to delete and load preventing DB2 Load Utility to be used to delete and load
4. Corrected Create DDL to Sync Views and Triggers to use column STATEMENT (CLOB) in SYSIBM.SYSTRIGGERS – all triggers were being updated
5. Support timestamp (n) and timestamp with timezones
6. Fixed SQLCODE -798 when selecting a table with lob and no index or primary key in TestBase Table Edit

5.2.0 Enhancements A – 07-31-2015

1. Add DATACLASS when allocating temporary file in Slice DDL CLIST to prevent uncatalogued datasets
2. Slice Compare issue due to an un-initialized index in Enterprise Cobol