

Mask Production Data Before Use in Test

- **Test Safer**
- **Regulation Compliance**
- **Test Smarter**

Business Challenges

Meeting audit and government (HIPAA and **Gramm-Leach-Bliley Act**) requirements or just properly safeguarding your client or employee information can be difficult. Sensitive information should be restricted from test environment(s) where it could be breached.

Test DB2 Applications Safely

TestBase **DB2 Mask** from SoftBase allows you to mask sensitive data during the extract process, before it hits the test DASD. It is available to users who also have Testbase **DB2 Subset** which manages subsets of referentially intact data from multiple DB2 subsystems throughout the enterprise. Users define mandatory masking that must be applied to production or other sensitive sources of data. TestBase **DB2 Subset** then, ensures sensitive production data remains completely private during testing by applying the DB2 Masking rules at extract time.

Six Masking Rules

Masking rules that can be used to keep sensitive data safe include:

1. **Table Input** – data from a table
2. **File Input** – data from a file
3. **Test View** – data from SQL results
4. **Supplied Value** – tables of values supplied
5. **Random Amount** – random number
6. **Jumble** - swap digit or char positions
7. **Translate** – lookup in a translate table

Masking rules can only be set up and changed by authorized users.

Masking Audit Reports

Reports of the following items can be requested by authorized personnel at any time:

- **Privacy Definitions** –how data is supposed to be masked
- **Privacy Def History** – history of how data was supposed to be masked
- **Privatized Execs** – sample masked and unmasked data
- **Non-Privatized Execs** – executions by authorized personnel that were not masked and where the data was loaded

Audit reports are saved and authorized to audit personnel.

Integrated With Other TestBase Components

TestBase **DB2 Subset** – DB2 Mask is executed as part of DB2 Subset. Mandatory masks are defined and applied to production data providing data privacy and regulatory compliance.

SoftBase

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For information:
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