



DBT for 6 7.2 Overview

In April 20, 2014, Oracle announced DBT 7.2, a new version of the popular operating system that includes DBT 6.0. This version of DBT 6.0 adds additional capabilities:

- Enhance protection of data through access rules and locking techniques
- Extend legacy applications easily, modernizing DBT for 7-way
- Improve performance of accessing and managing data in DBT 6.0
- Improve productivity of developers with powerful IDE, enhancements
- Improve compatibility with other database management systems making porting and data transfer, development easier

Extend DBT 6.0

DBT 6.0 7.2 will extend new security related enhancements. They will enhance the security of the database by providing an additional layer of security within a data environment. The new Row and Column Level Security (RLS) support provides the same granular level of data security to protect sensitive management and growth of data practices for security data.

New performance can be defined to extend when you use for processed based on the value within a row and the condition of the user accessing the data. It allows developers to define a model that only apply with certain conditions can access sensitive values such as a credit card number with associated payment received a national version of the sensitive data.

Using security features like, additional operation of data can be configured to create security with flexibility, extending DBT security and accessing DBT data.

Extending the life of your legacy applications through Database Modernization

As with many systems in DBT 6.0, version 7.2 continues to add additional functional enhancements that provide programmatic productivity, portability, through industry or domain specific support, and enhanced flexibility and connectivity for both new and existing applications. Many of these enhancements concern the life of legacy applications through continued use of DBT 6.0, with minimal impact to those applications.

If you're struggling to define and deploy RLS functions, procedures and triggers, DBT 6.0 7.2 has lots of new capabilities to help you. The improvements make it easier to develop and deploy complex business logic in a manner that can be easily maintained and extended over time. Some of these enhancements include:

- Connect multiple trigger actions to a single trigger
- Run non-transactional procedures that can be easily integrated with existing applications
- Enhanced logging capabilities through single log table and variable evaluation
- Simplified management of file streams through its endpoints

Develop building applications using AECOMET web browser utility. Baseview and system setting support as well as support for Visual Studio 2013 with .NET version 4.5.

To read more about database considerations, refer to the white paper [DB2 and SQL ... An interesting combination for DB2 for z](#).

Flexibility and Self-Managing Features

Continuing on the tradition of strong management capabilities, IBM® version 11.2 adds self-managing features to the administrative graphical user interface for managing DB2 as well as the core system. Self-managing includes self-configuring, self-tuning and other set of database system self-managing. Database system includes new charts and graphs to visualize DB2 status or performance information. Improvements to the Web Console features provide more flexibility in monitoring DB2 status on Web.

Performance Enhancements

Many enhancements in performance will apply to both traditional operational workloads like data loading or merging analytical workloads such as data warehouses or business intelligence solutions.

New "in memory" option automatically accelerates all queries in both those that DB2 will run independently, improve data access without user interaction. Enhanced support for managing the Web plan cache helps the user to the features administered by providing more flexibility in managing the plan cache size after an SQL and so on.

Big Data gets a boost with the expansion of a single table to 17 columns, adding to DB2 for its many interesting features in database design. Monitoring capabilities to improve DB2 health features extend as well with a new system-wide feature within the user's health center.

Support for Analytical Applications

The popular DB2 Web Query 2013 product line also been enhanced with support also available for the DB2 11.2 and 11.1 releases to add additional data considerations including full maps, built-in charts, and geographic maps that you explore data about based on a point on the map. Single sign-on, a new "self-managing database" option, and the application continues to allow you to easily integrate DB2 Web Query reporting features into existing or customized applications on your system of the new enhancements. The updated [DB2 Web Query Feedback](#) has been featured and provide a wide of feedback to get you up and running the with the Web Query reporting and business intelligence tool.

To view the latest enhancements in DB2 Web Query or download instructions, refer to the [DB2 Web Query site](#) or send an email to J2J@us.ibm.com.

