CA Bind Analyzer™ for DB2 for z/OS

At a Glance

CA Bind Analyzer™ for DB2 for z/OS (CA Bind Analyzer) helps you reduce resource contention during the bind process and coordinates successful application preparation by determining if a program being recompiled has any SQL changes.

Business Challenges

Frequent building of DB2 applications can increase DB2 Catalog contention, can clutter the DB2 Catalog with excess package versions and can destabilize DB2 access paths. All this can occur even when applying simple changes to the application source program that do not even involve SQL changes. By eliminating unnecessary DB2 BINDs these problems can be avoided.

Solution Overview

CA Bind Analyzer extends the IBM DB2 Precompiler and Coprocessor functionality by comparing the current to the prior DBRM during the build process to detect when significant SQL changes have occurred. The product can be integrated into your application build JCL or process, and can identify the SQL changes that have been encountered during the current build.

CA Bind Analyzer DBRM comparison results can be tested using the JCL condition code in order to optimize the build process. The product restores the DBRM to its value prior to the current build when an application build error has occurred. Once the application build errors have been corrected and the build is repeated, DBRM changes can once again be detected. This avoids redundant and missed binds when one or more application build errors have been encountered prior to the application being successfully built.

CA Bind Analyzer can generate BIND cards and perform the BIND at the end of a successful build.

Critical Differentiators

CA Bind Analyzer interfaces seamlessly with CA Plan Analyzer to improve your productivity and provide additional information. Using the interface to CA Plan Analyzer, you can compare and report on the differences between versions of DBRMs down to the access path level, generate CA Plan Analyzer Enhanced Explain statements, and perform Enhanced Explain processing during the build process. A CA Plan Analyzer license is required for these additional capabilities.
Related Products/Solutions

- **CA Database Management for DB2 for z/OS** provides power and flexibility to provide for optimal performance, efficient database administration and reliable backup and recovery.

- **CA Chorus** helps improve quality of service with knowledge sharing and collaboration across DBA skill sets.

For more information, please visit [ca.com/db2](http://ca.com/db2)