TOC

Session Abstract

INDEX

A16 Application Design and Programming with HALDB

Rich Lewis

VIEW

IMS Version 7 adds High Availability Large Database (HALDB) capabilities which supports very large databases. By splitting a database into multiple partitions, HALDB enables it to contain up to 40 terabytes! In spite of this, an application program continues to see one database that is addressed by one PCB. Generally, application programs do not have to be modified when a database is migrated to HALDB. On the other hand, there are cases where application programs must be changed or an installation may want to take advantage of some capabilities which may require application changes. This session describes changes that you may need to make or want to make when a database is migrated to HALDB. Considerations for processing partitions in parallel, processing secondary indexes as databases, initially loading HALDB databases, handling unavailable partitions and converting from user partitioning are explained.