

# Database Backup Tools

## Backup Interface for Oracle Database (BC-BRI)

Database servers are an essential part of the R/3 client/server configuration. For this reason, client/server software users need to have reliable data backup, archive and database administration systems at their disposal. The R/3 System integrates a variety of tools specifically designed for this purpose, such as backup and recovery functions.

Although such administration tools have been available for mainframe users for many years, certain operating systems, such as UNIX, only offer partial solutions (for example, dd, cpio, tar). These solutions cannot be used in conjunction with relational databases because;

- they do not deal with special problems that may be encountered during a database backup
- they do not provide tape management

SAP therefore offers its own backup programs:

- BRBACKUP for backing up the database
- BRARCHIVE for backing up the off-line redo logs
- BRRESTORE for restoring the database and the redo logs
- SAPDBA database administration (e.g. database startup or shutdown, table space extensions, monitoring, space analyses, reorganization, database recovery)

Software vendors seeking to backup Oracle databases need to use their own programs to call up SAP's corresponding backup programs via the BC-BRI interface. Certification in conjunction with the BC-BRI interface involves testing all backup functions: backup, restore and inquire.



