NAME

nbackup – Physical backup manager for Firebird

SYNOPSIS

nbackup [*option*...] −l|−u|−f *database*
nbackup [*option*...] −b *level database file*
nbackup [*option*...] −r *database file0* [*file1*...]

DESCRIPTION

nbackup allows making incremental backups of firebird databases. It also allows database files to be locked for copying with OS tools like **cp** (1).

COMMANDS

−l *database*
−lock *database*
>	Locks *database* for filesystem copy.
>
>	Options of the **−lock** command:
>
>	**−s**
>	**−size**
>>		Print database size (in database pages) after locking.

−un *database*
−unlock *database*
>	Unlocks previously locked database.

−f *database*
−fixup *database*
>	Fixup *database* after filesystem copy. This needs to be done on the target database before usage.

−b *level database file*
−backup *level database file*
>	Create incremental backup of level *level*. Level 0 means full backup. Level *N* includes all the changes since the last backup of level *N*. *file* may be stdout meaning to write the backup data to the standard output.
>
>	Additional options to the **−backup** command:
>
>	**−d** *on|off*
>	**−direct** *on|off*
>>		Turns on or off direct I/O during database backup.
>>
>>		Direct I/O may be useful when database is much larger that RAM, because in that case using buffered I/O may cause replacing useful cache contents with database file contents, which are generally read only once.

−r *database file0* [*file1*...]
−restore *database file0* [*file1*...]
>	Restore incremental backup. *file0* is the level 0 backup, *file1* is the level 1 backup and so on.
>
>	Additional **−restore** options:
>
>	**−de** *command*
>	**−decompress** *command*
>>		Decompress backup file contents using the given *command*.
>
>	**Note: −restore** should be the last argument to **nbackup** followed only by database and file names. All other options must precede **−restore** or will be interpreted as backup file names.

COMMON OPTIONS

−u *user*

–user *user*
> User name for connecting to the firebird server.

–p *password*
–password *password*
> Password for connecting to the firebird server.

–fetch_password *file*
> Read password from specified *file*.

–nod
–nodbtriggers
> Do not run database-level triggers.

SEE ALSO
gbak (1)

Additional documentation about **nbackup** and other Firebird utilities can be found on the Firebird Project website, <http://www.firebirdsql.org>.

AUTHOR
Original idea is of Sean Leyne sean@broadviewsoftware.com. Designed and implemented by Nickolay Samofatov skidder@bssys.com. This work was funded through a grant from BroadView Software, Inc.

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