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Blacknest Data System (BDS)
BdsControl Program – 1.2.12 - 2011-07-15

1. Introduction

The BdsControl program provides a simple command line control client for the BDS system. It allows the state of the BDS system to be changed for backup or other purposes.

2. Usage

The BdsControl program can be run only by admin users.It accepts the following command line options:

-help	Help on command line parameters
-host <hostname>	BDS Server host name
-user <user:password>	The BDS user id and password
<command>	The command (master, slave, snapshotPause, snapshotUnPause, statistics, clean, logAppend)

The BdsControl program will read the BDS_HOST environment variable at start-up. This variable, if set, defines the default BdsServer host name to contact. The default is "localhost" if this is not set.
The program will carry out the operation as defined in the single "command" argument.
The following gives a summary of the commands available:

- **master**: This sets the system to master mode.

- **slave**: This sets the system to slave mode.

- **snapshotPause:** This sets the BDS system into SnapshorPause mode. The BDS server will block any writes to the database or data files until the pause has ended. Read operations can continue.

- **snapshotUnPause:** This will return the BDS server to a full running state.

- **statistics:** Displays the system statistics, including state information.

- **clean:** Cleans the database Changes and Logs tables of entries that are older than a pre-configured time.

- l**ogAppend:** This takes and argument of the format: "type,priority,subSystem,title[,description]". The log entry is sent to the BDS log system

- **databaseBackup:** This backs up the current BDS database into the Backup directory of the current data store.

3. Return Value

The program will return a status value of 0 if all was Ok. It will return a non zero value, the BDS error number, on error together with a message output on stderr.

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4. Further Information

For further information please look at the BDS system documentation at:
https://portal.beam.ltd.uk/support/blacknest.