A Common Graphical User Interface to Back up All Databases

These are the many solutions providing backup for different databases, either SQL-type or any other. Handy Backup is a unified solution; it can save any database content by using a common graphical interface (GUI) for planning, selecting, saving and restoring any type of database existed.

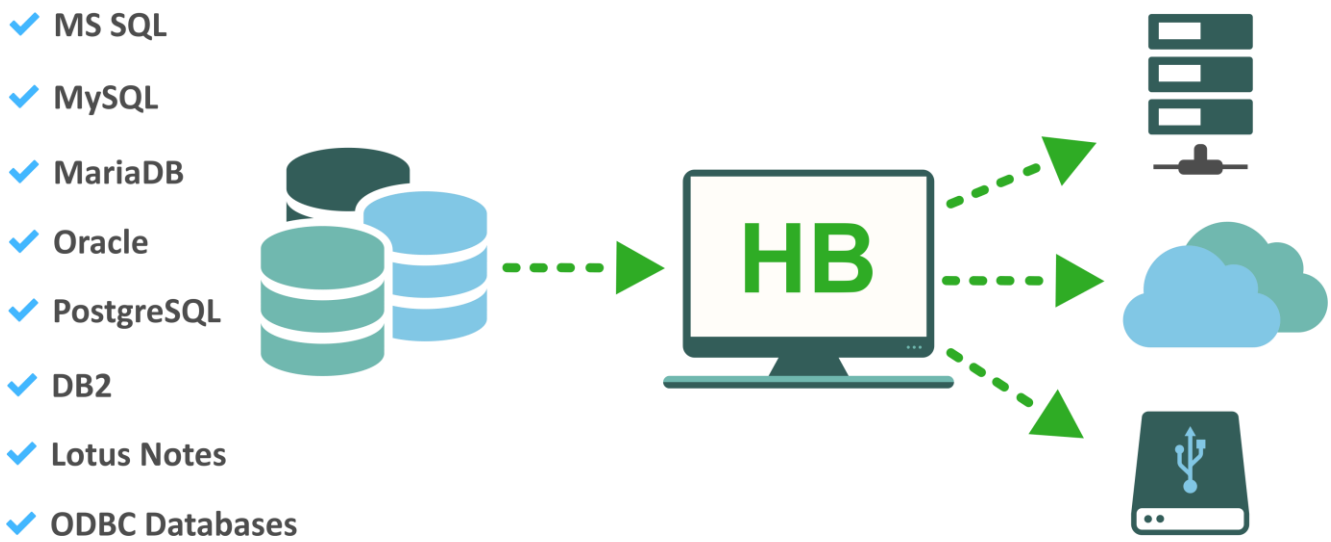
Using Multiple Databases on a Single Computer

For a server utilizing only one database engine, such as MS SQL Server, a principal problem of backing up different data can emerge when these data is just a part of a particular dataset (for example, a website with a dynamic content presented as a database, and some pre-generated static pages).

However, for backing up a server using two or more database engines (DBMS) simultaneously, or, especially, for intrinsic applications with a client-server architecture utilizing one database as a server and some other engine to store client data, the things becomes a lot more complicated.

Administering Network Backup

Things become even more complicated when you need to save not only one server-level dataset but back up multiple servers instead, each containing a different database or a bunch of DBMS engines running, in one single task. For these purposes, the unified backup GUI is a most convenient solution!



Teaching a Personnel

For companies and departments using more than one database engine in a local IT infrastructure, administering (including backing up) these databases requires a skilled personnel, learned how to save data from each database used. A unified GUI removes or at least relieves this problem.

Traditionally, users and system administrators apply different batches and scripts to save data from two or more databases, as well as to copy a database content along with other data types. This approach requires skills and is not safe from different human and computer errors.

Unification for All Backup Processes

Handy Backup provides a literally handy solution for backing up such a different dataset as some different databases simultaneously. Its graphical interface tool allows programming backup tasks using as many data sources (including databases) as you need, controlling a backup task as a common job.

Note that network solutions of Handy Backup (e.g. Handy Backup Server Network) and some database tools (for example, the dedicated “MySQL” tool) can collect database backups from remote computers, linked to a computer executing a backup task via some network.

Featured and Generic Databases

To work with different database engines, Handy Backup contains a set of featured data source options, e.g. “**MS SQL**”, “**MySQL**”, “**MariaDB**” “**PostgreSQL**”, “**Lotus Notes**”, “**Oracle**” and “**IBM DB2**”. Each of these features uses internal methods and tricks to speed up backup for a particular SQL-type database.

For any database existed (including the DBMS types mentioned above), this is also a generic method of backing it up using the “Database” feature and a dedicated ODBC driver for this database, installed on the computer and marked for Windows as the eligible data source.

“Hot” Backup

Handy Backup can copy any featured database in a “hot” mode, which means that backing up data from a working DBMS requiring no stopping it. For a generic “Database” feature, the possibility of “hot” backup depends completely from a particular ODBC driver.

Using Backup for Solving Other Administering Tasks for Multiple Databases

Handy Backup provides a tool for not only copying and restoring any database, but also for cloning, mirroring or even modifying it. To ensure these activities, Handy Backup has such possibilities as saving backups in native formats, scheduled backup and restoration, and versioned backup.

The “native format” for databases backed up is often a sequence of SQL instructions creating a new database from scratch when executed, and then copying an old content to a new database. Thus, a user can modify the list of instructions in backup files manually, before restoring a base.

Combined with common backup features, such as triggering and scheduling tasks, differential backup, time stamps, pre- and post-backup actions and a possibility to encrypt a backup set, the unified GUI for backing up any database makes Handy Backup a very effective tool for business-level backup.

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