PROGRAMMATION SYSTEME C#

User Documentation

Version 1.0

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EasySave

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1. MENU

To run the application, simply open the executable file EasySave.exe. A console that displays a menu appears. The user can then enter a number from 1 to 7 to run a feature.

2. FUNCTIONALITIES

1. Add a backup task

By choosing the 2nd proposition, the user chooses to create a new backup job. He is then directly asked to name the backup. Here is an example, here we chose to call the backup "Test1":

After giving the *Backup Name,* you must now define the source and destination *disks* and *folders,* then choose a backup mode: *Full* or *Differential.*

After that the backup is created, the information about it has been added to a "Backup Work Status" file and you can check this with the View feature.

2. Show task list

Indeed, by choosing "1", a table with the list of created backup jobs is displayed:

You will then see that a backup job named "Test1" has been created, specifying the paths of the source and destination folders as well as the backup mode (Type) chosen earlier. You will also see the status and progress: since this task has not yet been executed its status is marked as inactive and its progress status is 0%. The number of files to be backed up, their total size and the time stamp of the last backup are also displayed.

3. Changer copy mode

To change the execution mode, type "6" in the main menu. This action will make the execution sequential or simultaneous, i.e., if you run the backup jobs in sequential mode, they will all start one after the other and if you run in simultaneous mode, you will be asked to choose the backup job to start from among those that have been previously created.

4. Run a backup task

Start the execution of one (or more depending on the execution mode) backup job by typing "3" in the main menu. The backup job is then executed, and a log file is automatically updated.

5. Delete a task

To delete a backup job, type "4" in the menu and the list of existing jobs will be displayed, then simply type the name of the file you want to delete on the console.

6. Change the language

Press "5" to change language, since the application has only two versions (English and French), the change language feature is used to switch between these two languages.

3. ERROR MESSAGES

An error message "This task already exists" will appear if you try to add a backup job that already exists in the software.

Another error message "You have reached the limit of saved tasks" may appear if the user tries to add a backup job when there are already five (since there is a limit of 5 jobs in progress).

4. GENERATED FILES

In order to access the generated files, press Windows+R and entrer « %AppData% » then \EasySave\Log.

1. Log file

The Log file contains: *Time stamp*, *Name of the backup job*, *Full path of the source file* (UNC format), *Full path of the destination file* (UNC format), *File size, File transfer time of each backup job that has been launched and completed*.

2. State file

The status file contains: *Name of the backup job*, *Time stamp*, *Status of the backup job* (e.g. *Active*, *Not Active*...), *Total number of eligible files*, *Size of files to be transferred*, *Progress of each backup job created* (not executed)

3. Task file

The task file contains: *Name, Source, Destination, Backup Type of each backup job created* (not executed)