User Manual : EasySave v3.0

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Launching the software :

To start the software, simply go to the folders in the following order:

📁 bin	26/11/2022 23:42	Dossier de fichiers

📁 Debug	30/11/2022 14:34	Dossier de fichiers

📁 net7.0	30/11/2022 21:41	Dossier de fichiers

And run the following executable:

🖼 Projet Programmation Système.exe	30/11/2022 22:53	Application	151 Ko

Here is the complete path:
Projet-Programmation-Systeme\bin\Debug\net7.0\Projet Programmation Système.exe

When you start up, you can choose between several options located at the top of the app. To select one of them, just click on it.
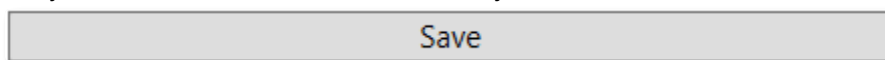

The following pages will explain how they work.

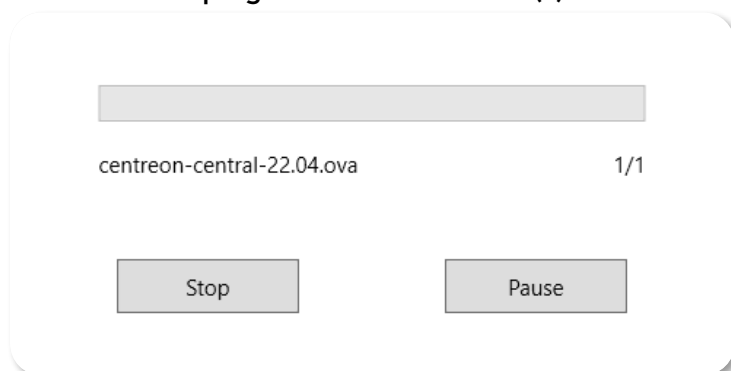**Tips:** To quickly see what they do, you can hover over them

Using the software:
1 - Run backup jobs

You just have to click on **run**, on the item you want to run:

You can see the progress of the file transfer(s) in the bar below:

You can also **run all** backup, by clicking on the main run button, at the top of the window:

Note: To run one or more backup jobs, make sure you have the source and destination folders for the desired job(s).
Note 2: The file names scroll on the screen during execution, however, they are more visible with large backups.

Once the task is completed, you should the file(s) in the folder in question.

Illustration :
Before :

After :

2 - Create a backup job

To create a backup job, you will need to click on the **create** button:

A full or differential backup is offered, which means that:
(1) All files are copied from folder A to folder B (overwriting redundancies).
(2) Or only the missing/changed files are copied from folder A to folder B.

Note:
The source file location is the file/folder you want to copy. The location of the destination file corresponds to the file/folder where you want to copy it.
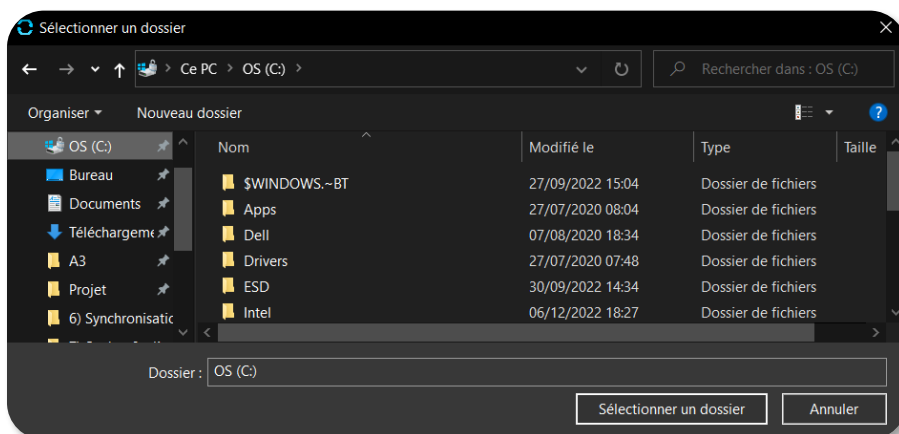
Note 2:
The submit button is accessible when all entries are completed and valid.

You can choose the destination folder by browsing your files with the file explorer.
To do this, simply click on the button with the appearance below:

Illustration :

We can see that the change is well done.

Before:

After:

3 - Modify a backup job

To modify a backup job previously created, you will need to select one by clicking on the corresponding **edit** button:

The popup is exactly the same as when you created it, except for the name.

You can choose the destination folder by browsing your files with the file explorer.
To do this, simply click on the button with the appearance below:

Illustration :

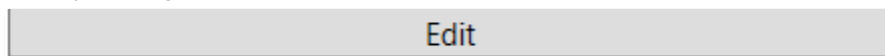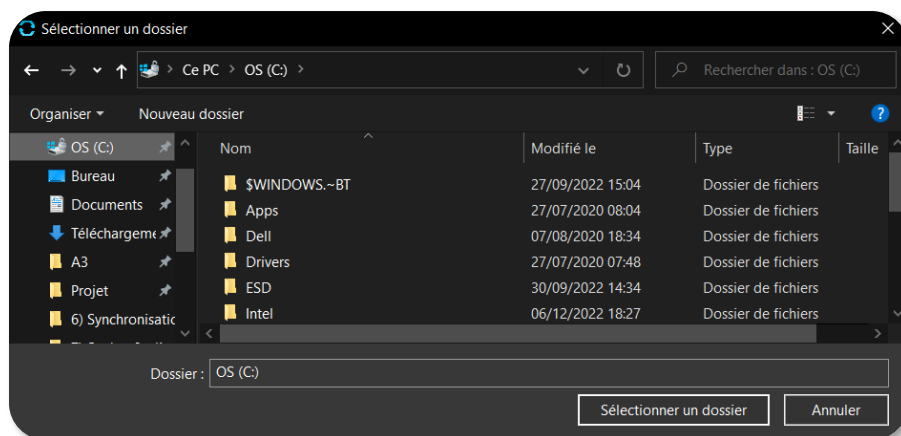
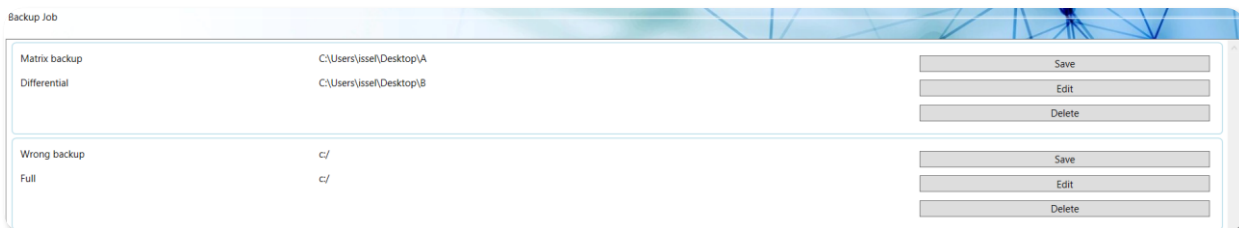**We can see that the change is well done.**

Before:

After:

4 - Delete a backup job

You just have to click on **delete**, on the item you want to delete:
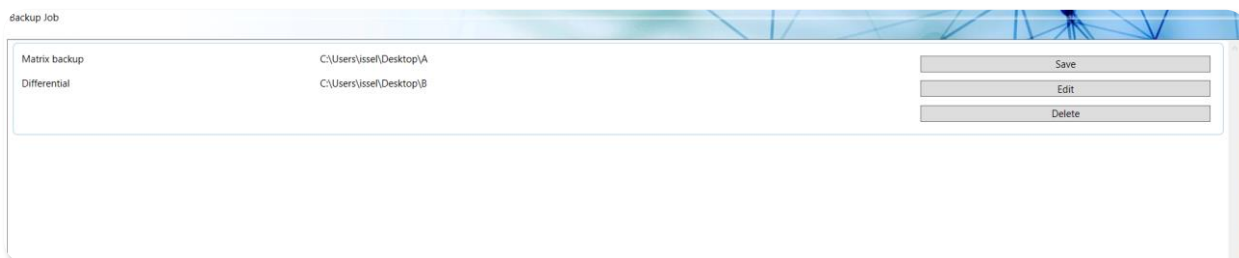

We can see that the change is well done.
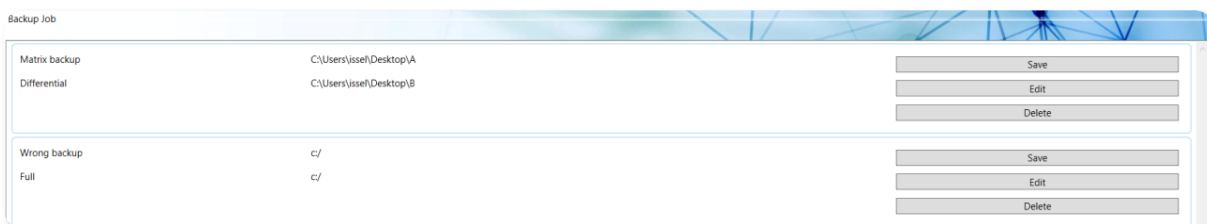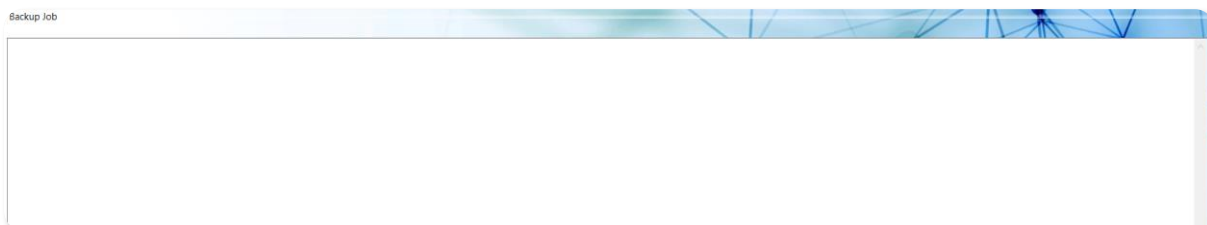Before:

After:

You can also **delete all** backup, by clicking on the main delete button, at the top of the window:

Before:

After:

5 - Settings

You can access to the settings by clicking on the **gear icon** at the top right of the app :

It will display the following menu :

Add the name of the process

Add process

Choose the extension type for log files

.JSON

Add the name of the extension for files to encrypt

Add extension

Add the name of the extension for priority files

Add extension

OK

Process

Extension cryptage

Extension priority

You have therefore many setting choices, such as :
- The processes
- The files to be encrypted
- The files to be prioritized
- Or the extension type for log files.

The processes that should **prevent the backup job** from starting/continuing should be entered here.

Add the name of the process

Add process

Process

explorer.exe   Delete

You have to indicate here the **type of file extension** in which the **logs** are stored.

Choose the extension type for log files

.JSON

.JSON
.XML

Here you must enter the **types of file extension** that must be **encrypted** for the backup job (.sql, .docx, ...).

Add the name of the extension for files to encrypt

Add extension

.sql   Delete

.bat   Delete

Here you must indicate **the types of file extension** that must be processed **in priority** for the backup job (.sql, .docx, ...).

Add the name of the extension for priority files

Add extension

OK

Extension priority

.docx   Delete

.pptx   Delete

.xlsx   Delete

6 - Change language

You just have to click on the flag of the desired language.

for French

for English

Example of language change:

Sauvegarder	Save
Modifier	Edit
Supprimer	Delete

7 - Exit

Just click on the cross in the top right corner of the application.

8 - Restore backup jobs

Functionality temporarily abandoned

Location of logs:

The logs allow you to check where the error in the use of the software comes from.

To access the logs (after opening the program at least once), you can type the following keyword in the search bar:

The logs are located in the following folder:

You have four possibilities once it is open:
- In **"logs"** you can consult all the logs of each day (one file per day), where you made the backup.
- In **"activeState"** you can consult the logs of the job(s) currently running.
- In **"config"** you can view the configuration of your settings.
- Or in **"SaveBackupJob.json"** you can consult the daily logs of all the jobs executed on the day (stored in **"logs"** afterwards).

Example of daily logs:

```json
{
  "Name": "Isselin",
  "SourcePath": "C:\\Users\\issel\\Desktop\\A",
  "DestinationPath": "C:\\Users\\issel\\Desktop\\B",
  "Type": "0",
  "FileSize": 357,
  "FileNumber": 1,
  "FileTransferTime": "00:00:00.0615383",
  "FileEncryptTime": "00:00:00",
  "Date": "mardi 13 d\u00E9cembre 2022 11:01:41"
},
{
  "Name": "Matrix backup",
  "SourcePath": "C:\\Users\\issel\\Desktop\\A",
  "DestinationPath": "C:\\Users\\issel\\Desktop\\B",
  "Type": "0",
  "FileSize": 357,
  "FileNumber": 1,
  "FileTransferTime": "00:00:00.0000006",
  "FileEncryptTime": "00:00:00",
  "Date": "mardi 13 d\u00E9cembre 2022 11:04:25"
},
{
  "Name": "Matrix backup",
  "SourcePath": "C:\\Users\\issel\\Desktop\\A",
  "DestinationPath": "C:\\Users\\issel\\Desktop\\B",
  "Type": "0",
  "FileSize": 357,
  "FileNumber": 1,
  "FileTransferTime": "00:00:00.0000019",
  "FileEncryptTime": "00:00:00",
  "Date": "mardi 13 d\u00E9cembre 2022 16:08:58"
}
```