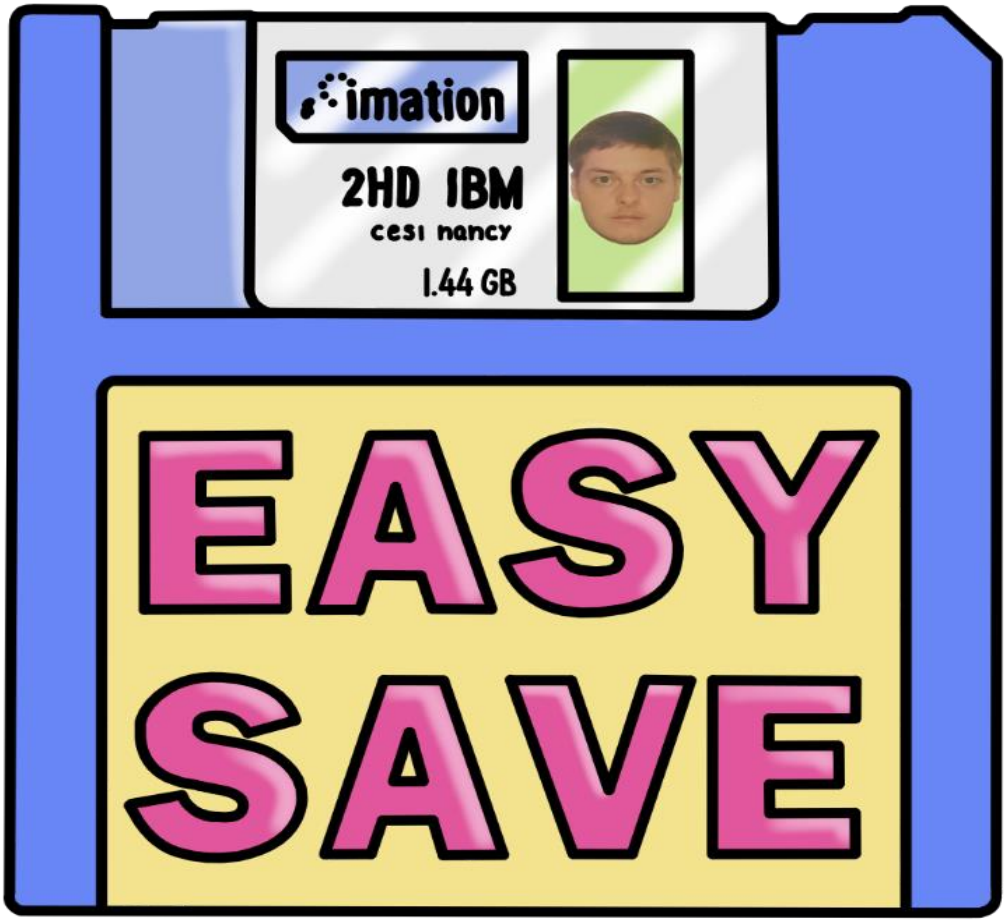
Documentation of use cases – Easysave



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Introduction:

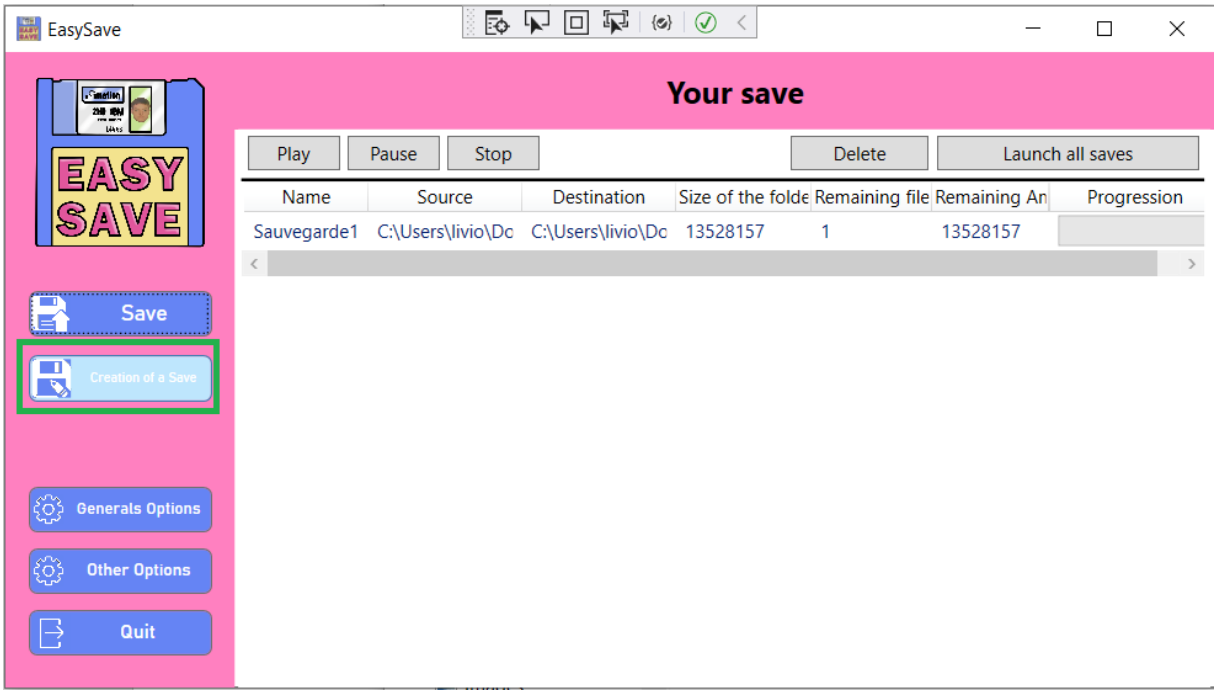
EasySave is a backup application with various options like encryption or differential backup. The application has a log file and a state file of the various backups.

Developed by Clément GRANDGIRARD, Valentin DEUSSEN, Geoffrey KEFF, Livio COSTANTINI.

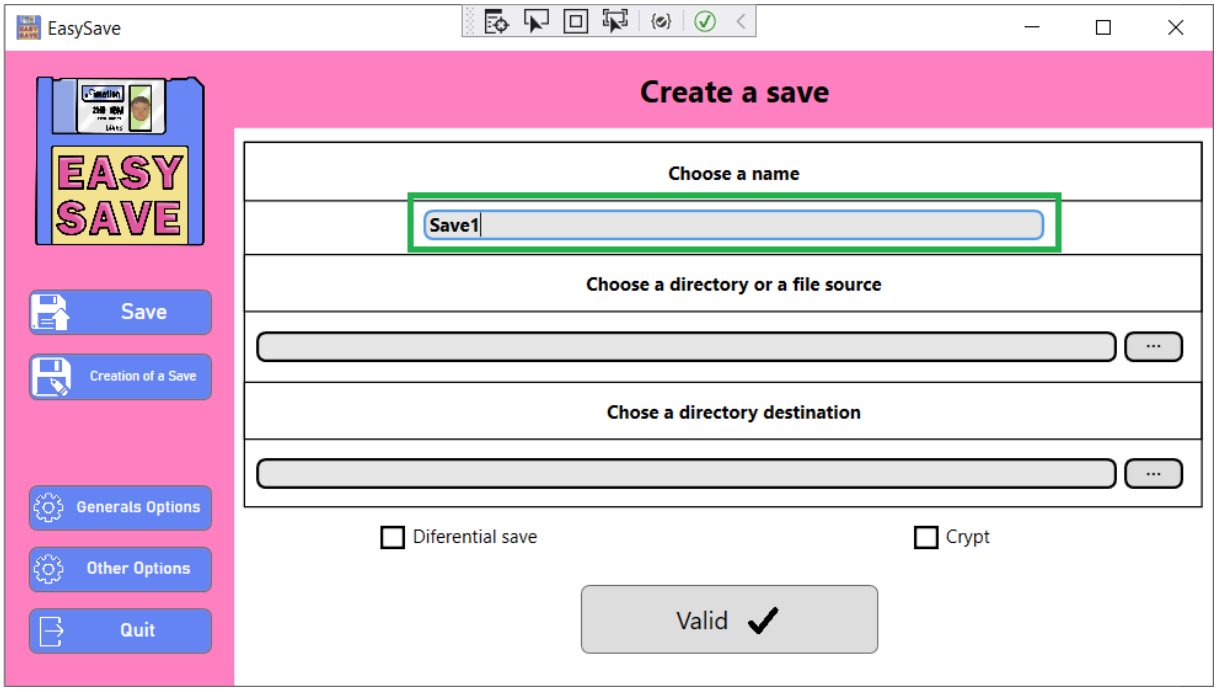
How do I start a backup?

Configuration of the backup:

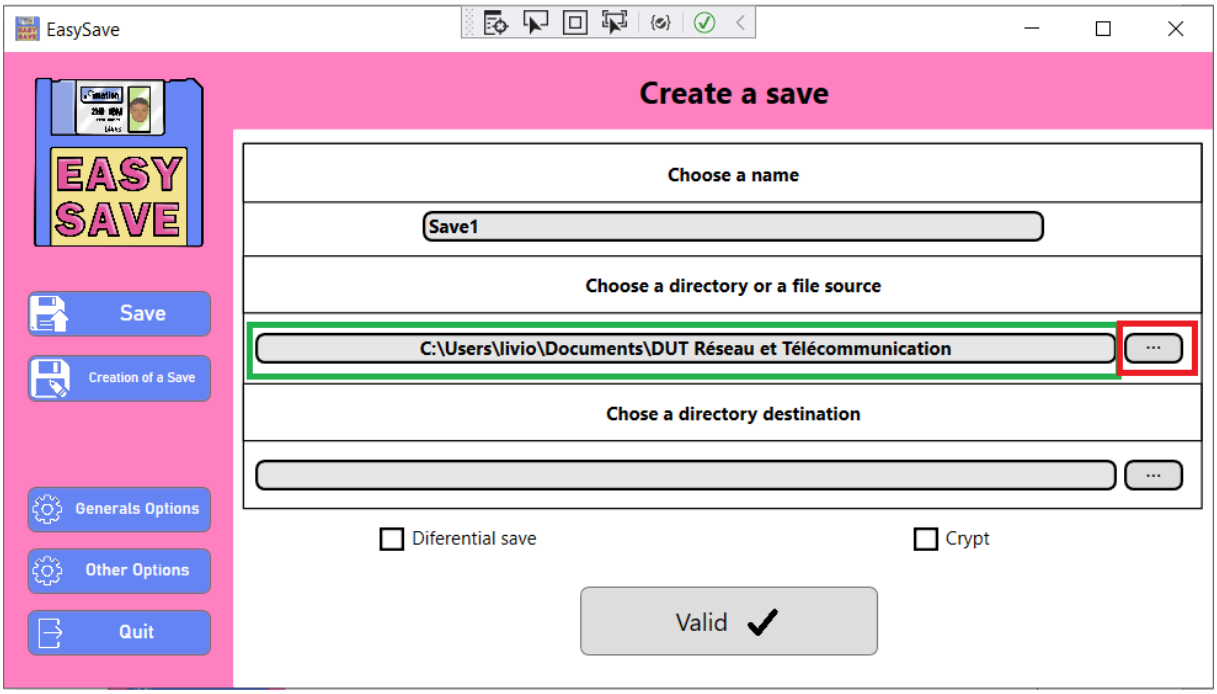
To create a backup, go to the “Create of a Save” tab, green area:



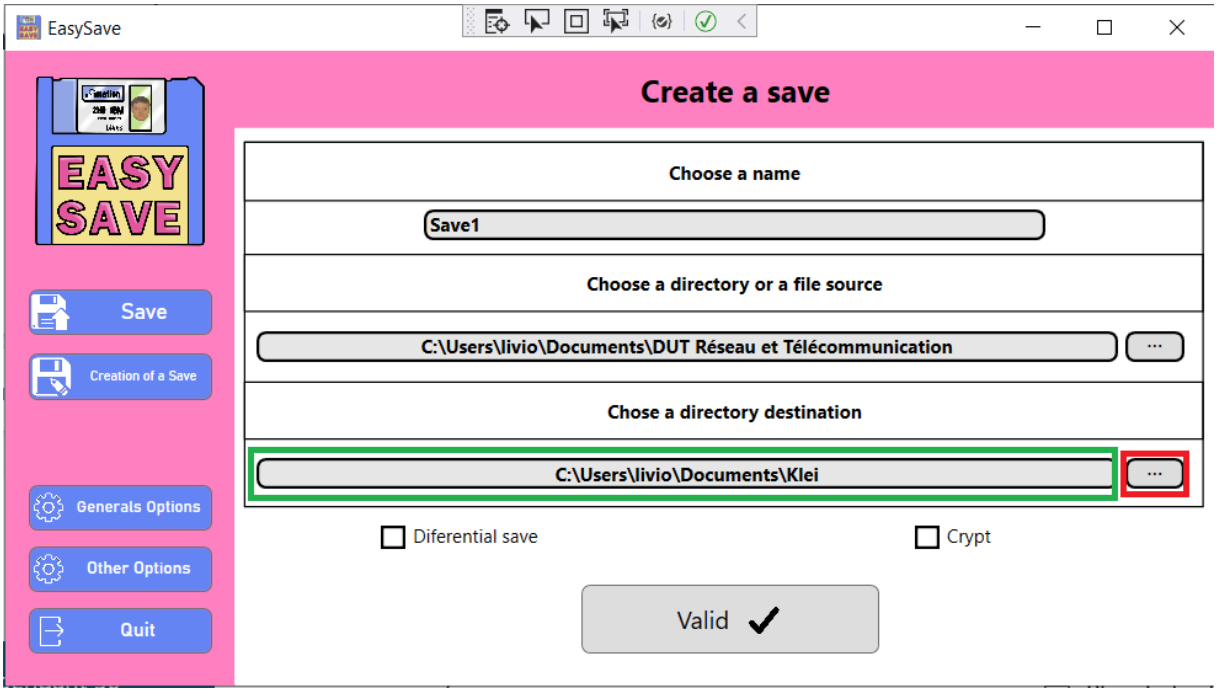
You must choose the name of your backup only numbers and letters lowercase or uppercase are allowed **(Note: spaces / special characters are not allowed)** area in green:



Then you have to choose the source folder of your backup you can note the path in the green area or you just click on the button "…" the red area and choose the path of the folder:



You must then choose the destination file as before. If the path does not exist, it will be automatically created when the backup is launched:

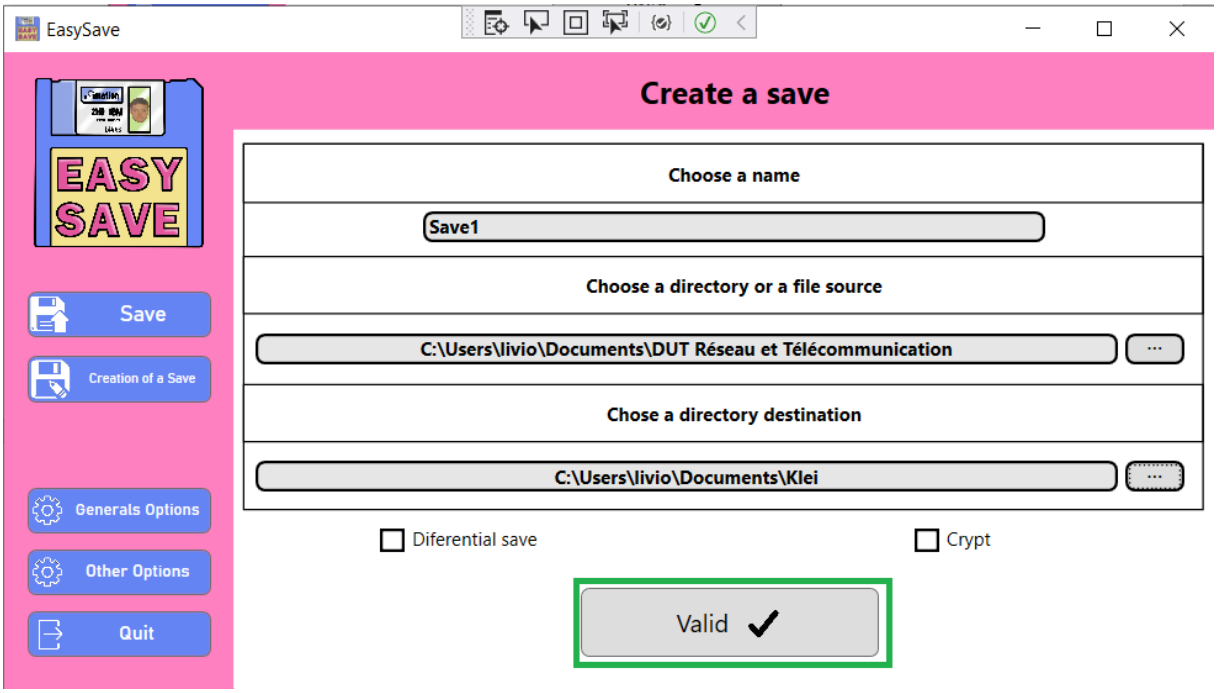


There are 2 other options on this page - Encryption and Differential Backup:

For encryption, refer to page 17.

For the differential backup, please refer to page 18.

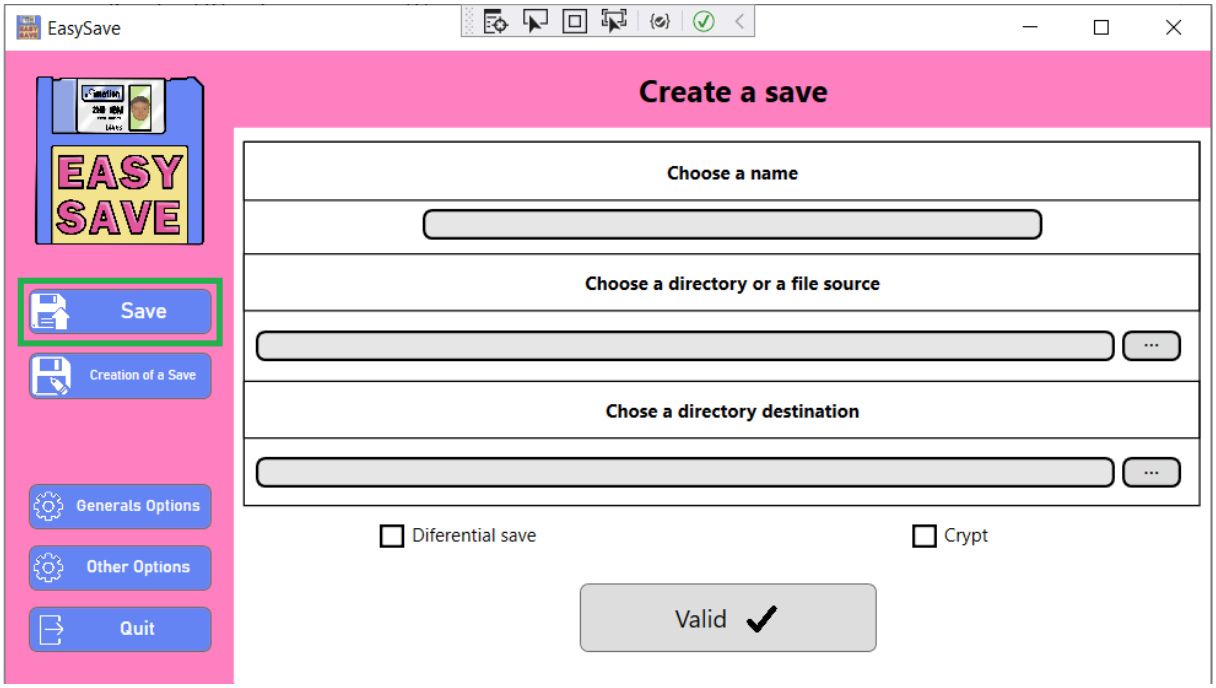
Validate the backup to finish at the slightest problem an error message is displayed in the green zone:



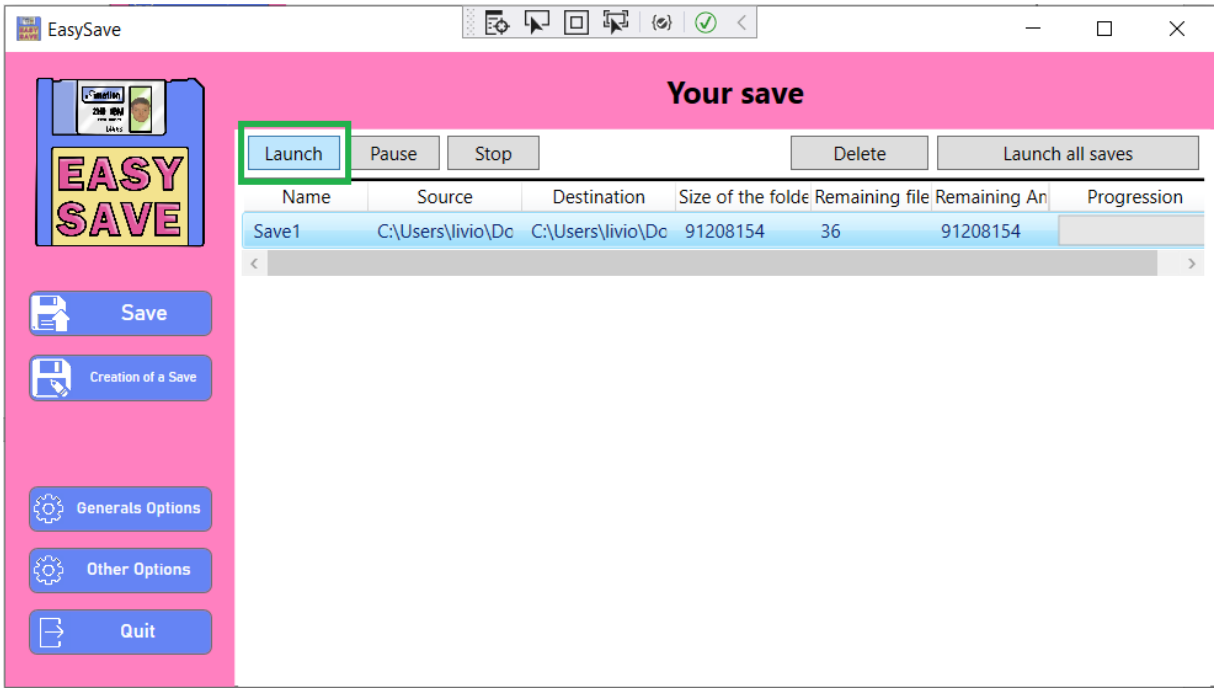
For the different errors, refer to page 16.

Launching a backup:

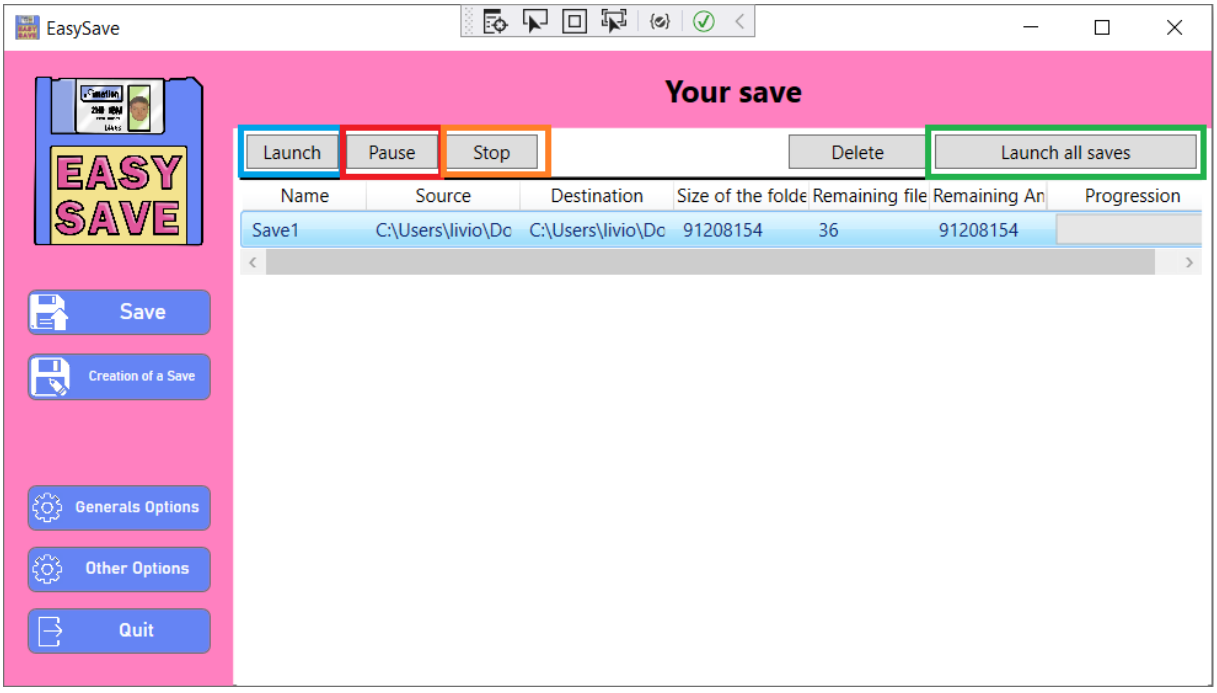
To start a backup, go to the “Backup” tab, green zone:



Then you just have to select the backup and launch it with the button “Launch” green area:

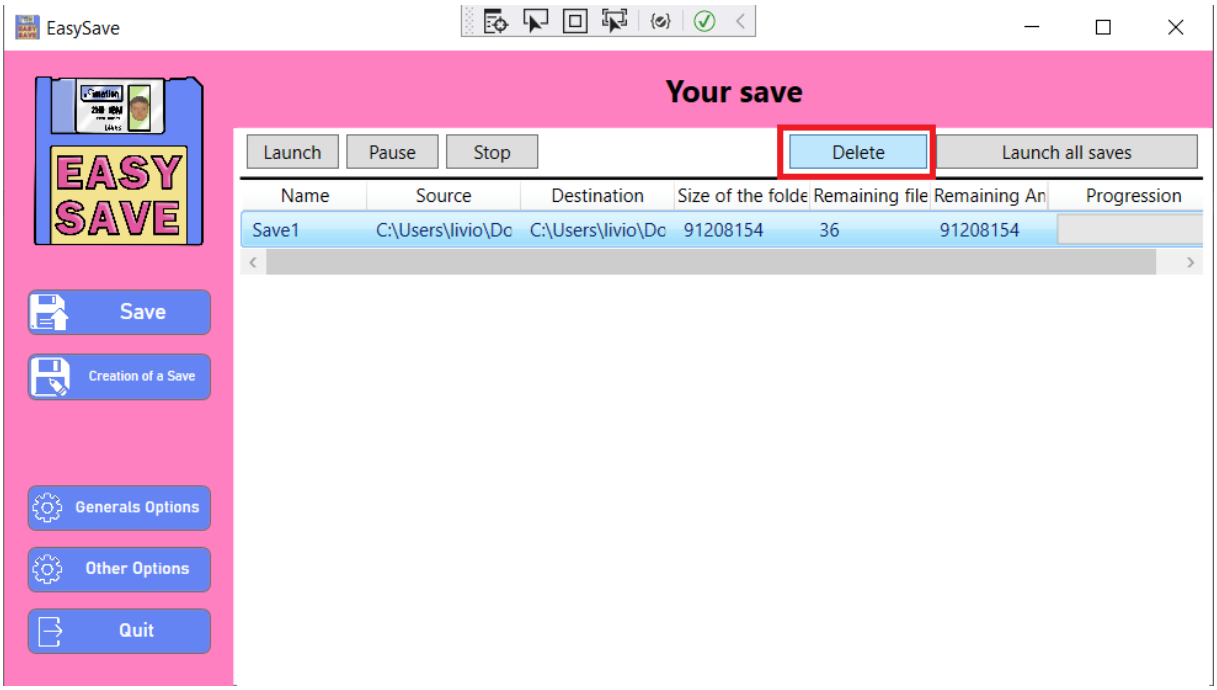


You can pause the backup with the button in red. You can also resume it with the button in the blue area. You can start all the backups with the “Start all backups” button in green. You can stop the backup with the “stop” button in orange.



Delete a backup:

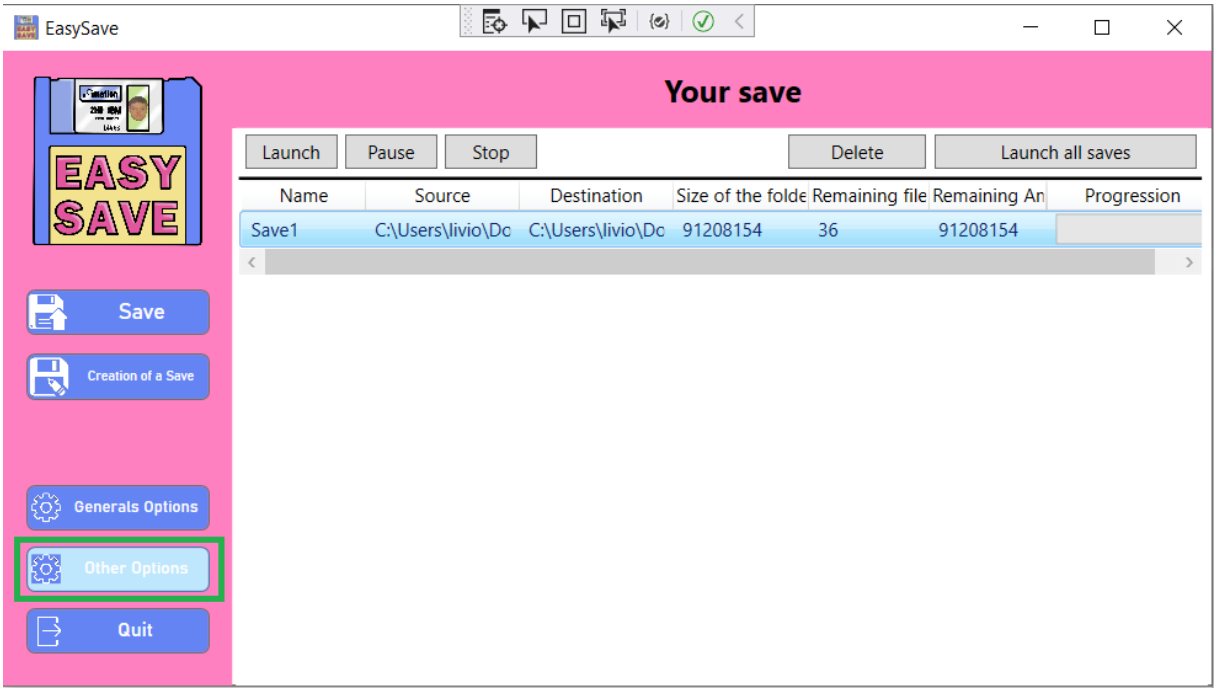
To delete a backup, you need to select the backup and then press the “delete” button. You can select one or more backups in the red zone.



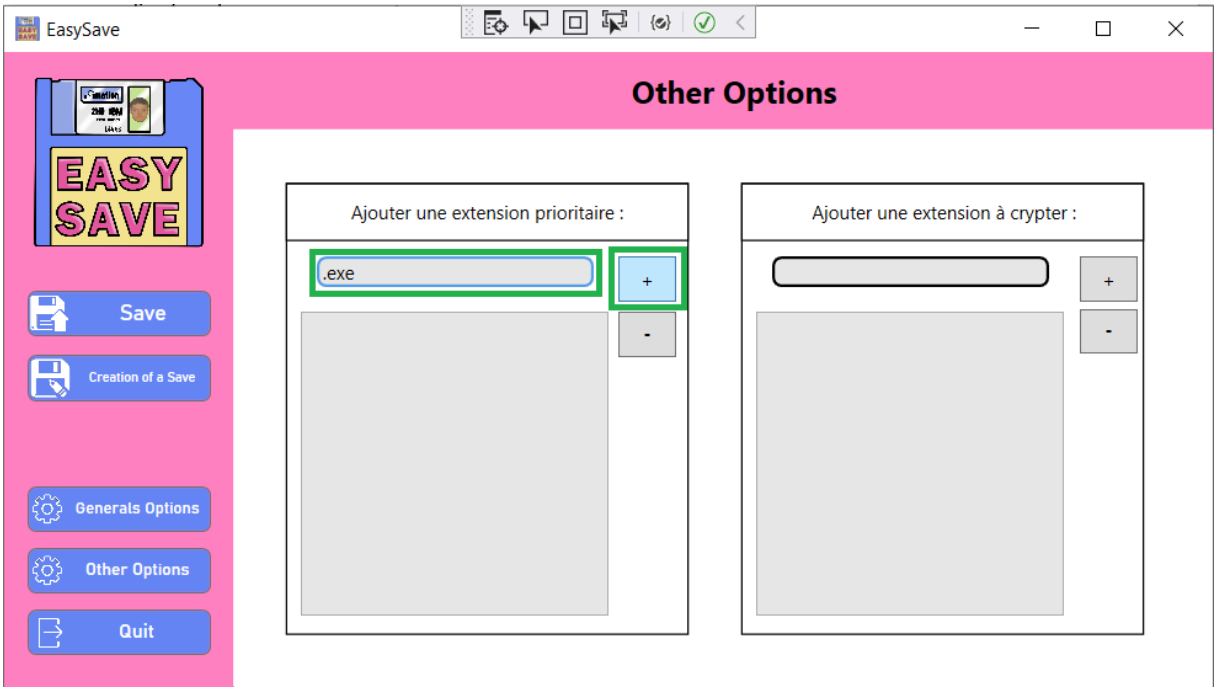
File extension:

Priority extension

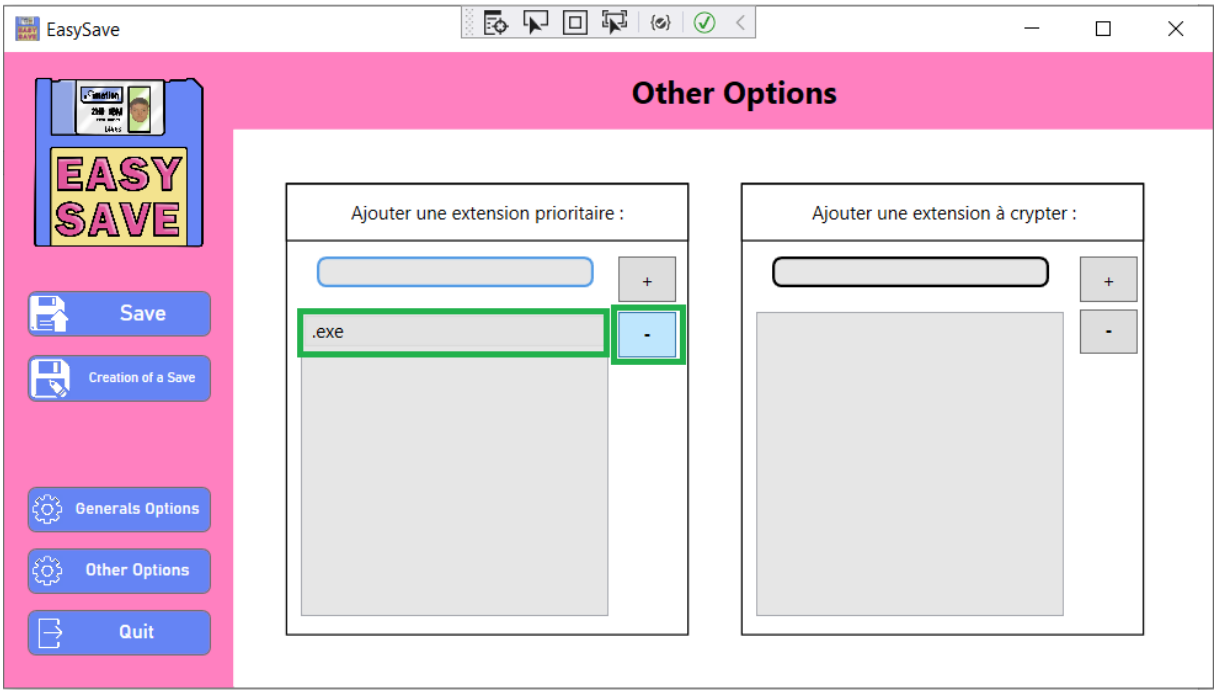
To change the extensions, you have to go to the tab “Other Options” area in green:



Once you arrive in the options you have to configure the priority extensions that is to say the files that will be saved in priority. To add one, just mark the extension and click on the “+” area in green:

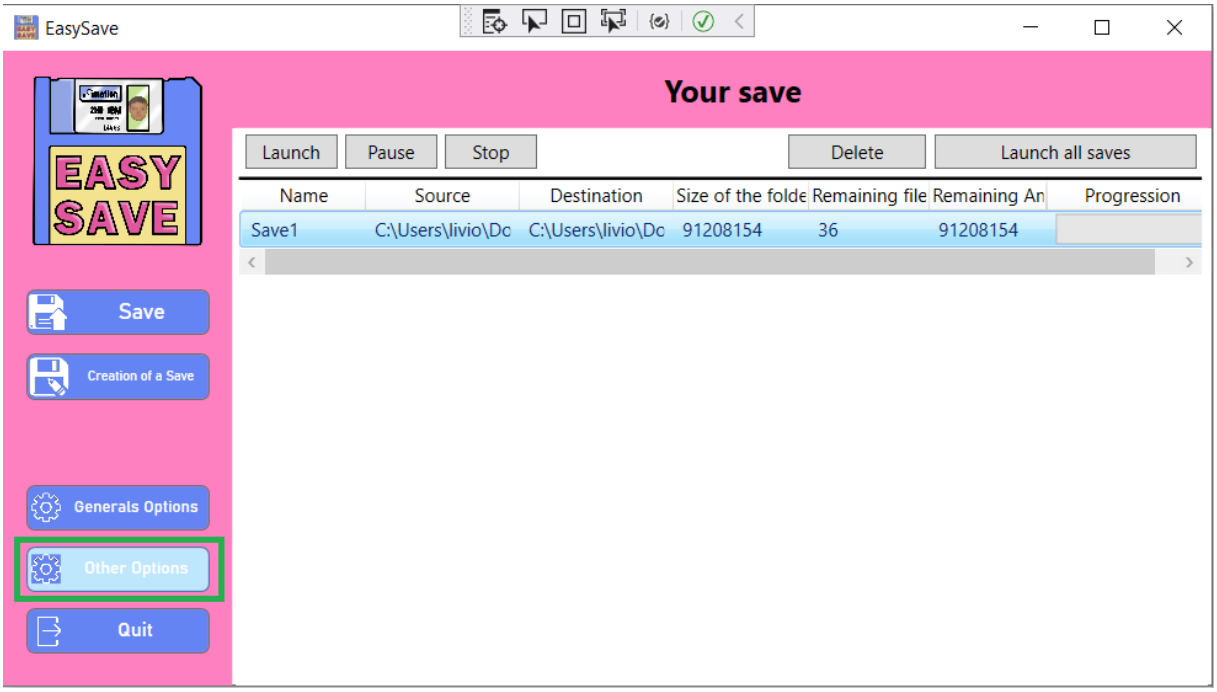


To delete an extension, select the extension and press the green "-" button:

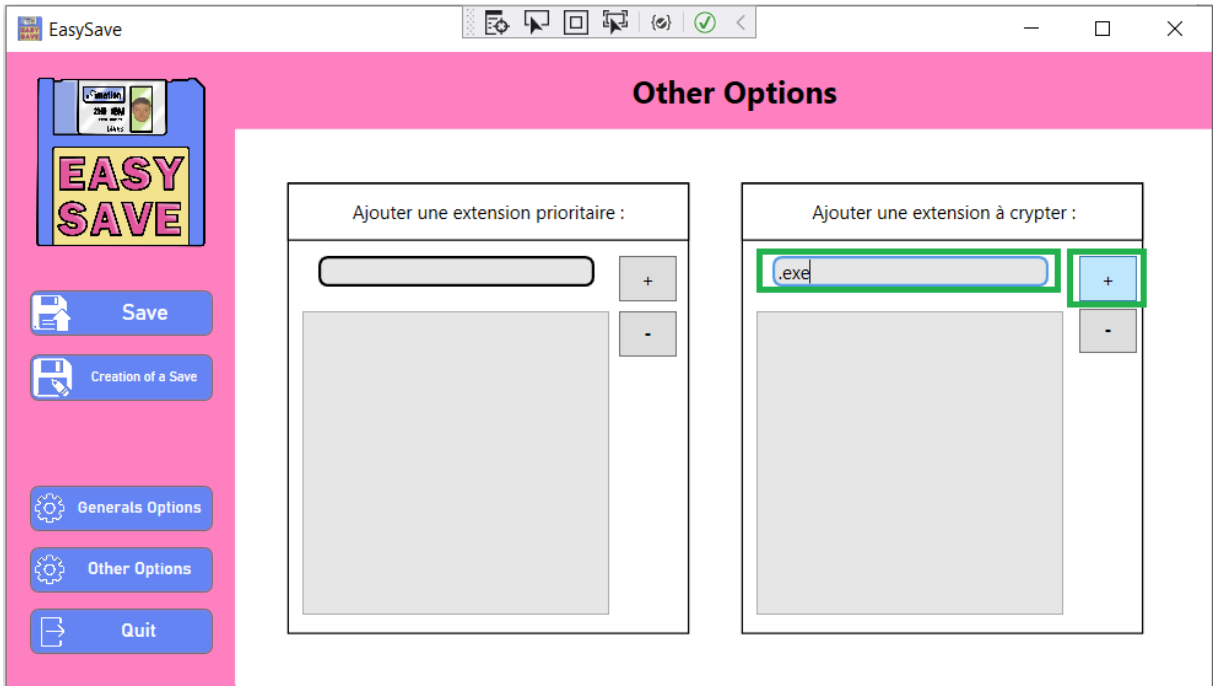


Encryption extension:

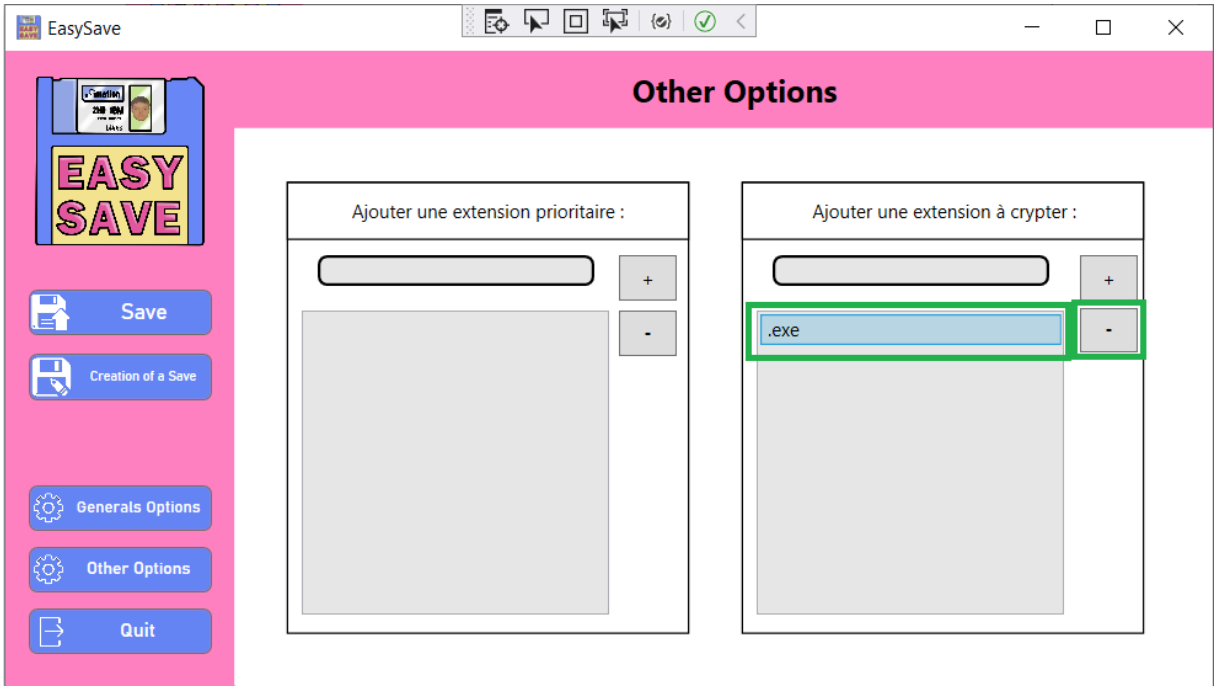
To change the extensions, go to the tab "Other Options" in green:



You can also choose extensions to encrypt, any file corresponding to an extension present in this table will be encrypted. To add one, just mark the extension and click on the green “+” area:



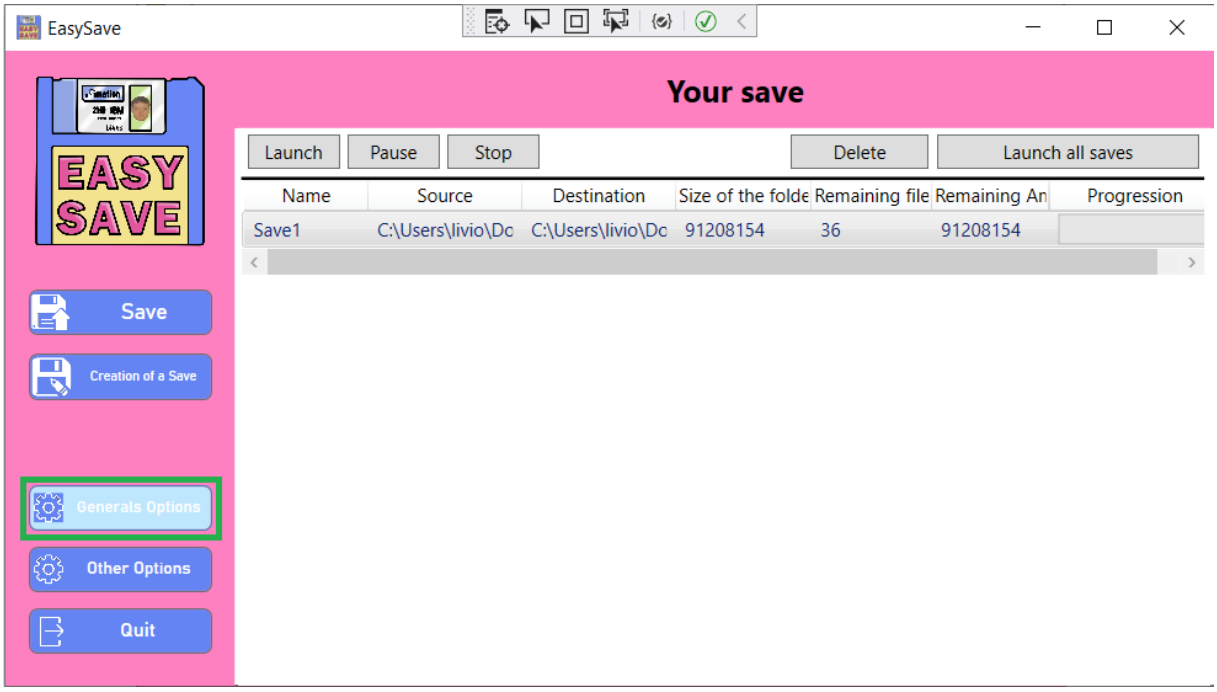
To delete an extension, select the extension and press “-” in green:



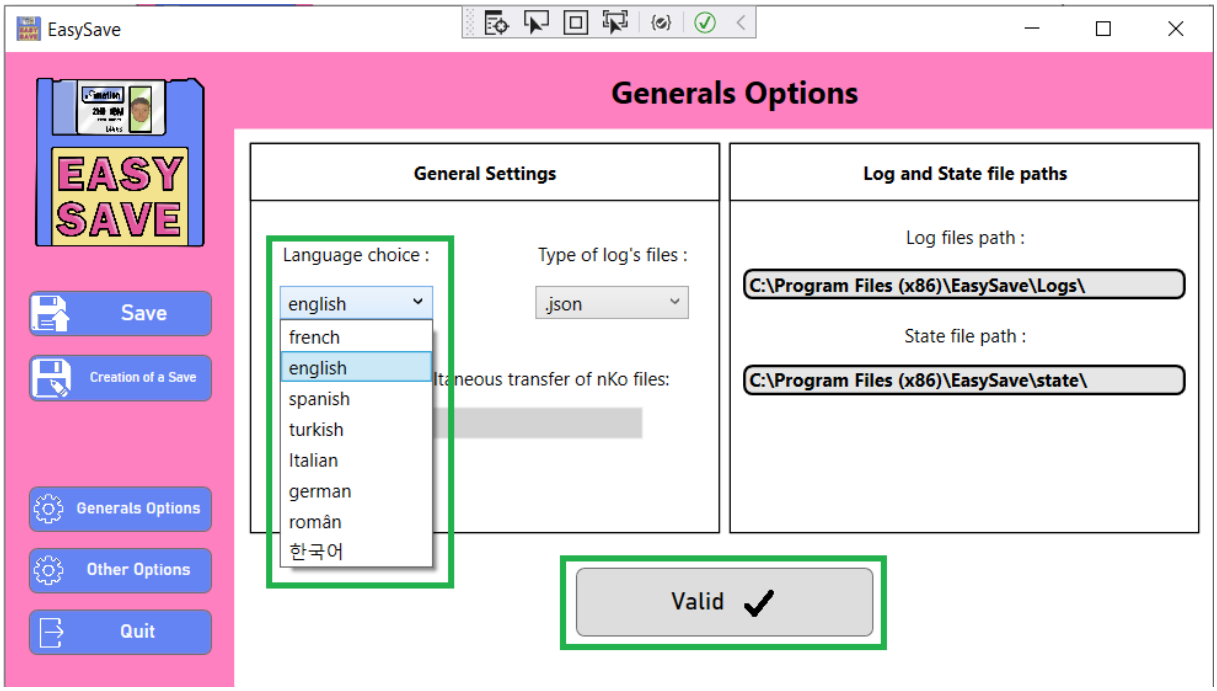
Option

General settings:

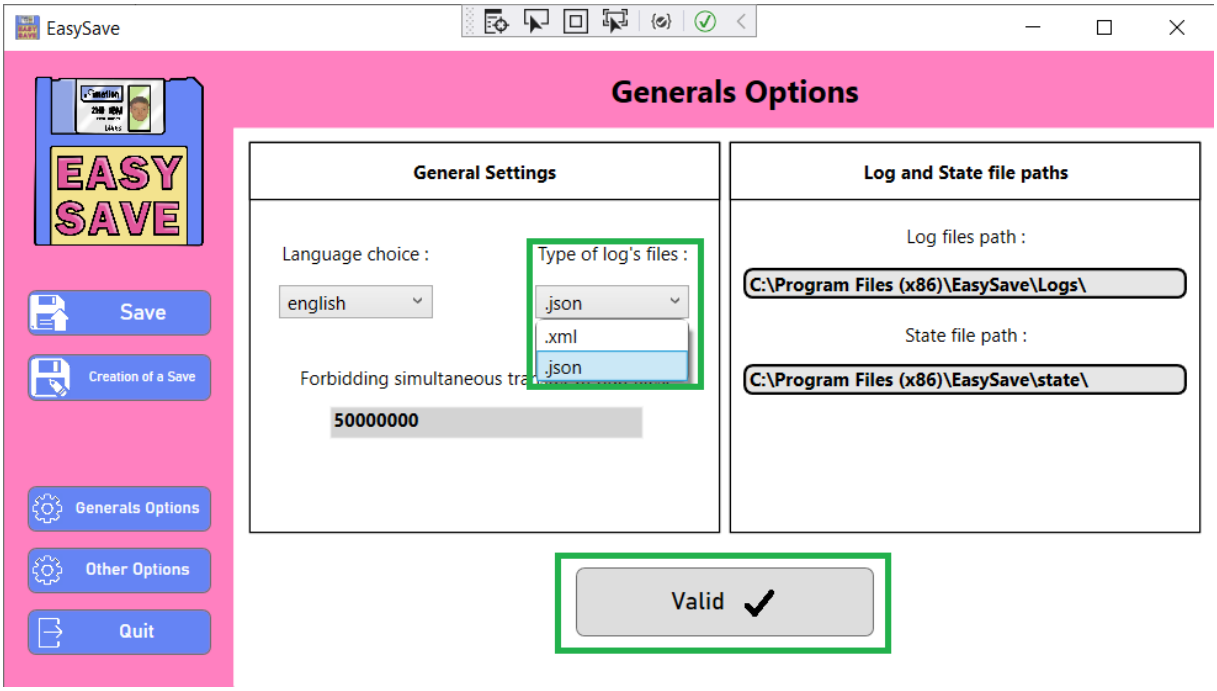
To access the general settings, you need to click on the tab “General options” area in green:



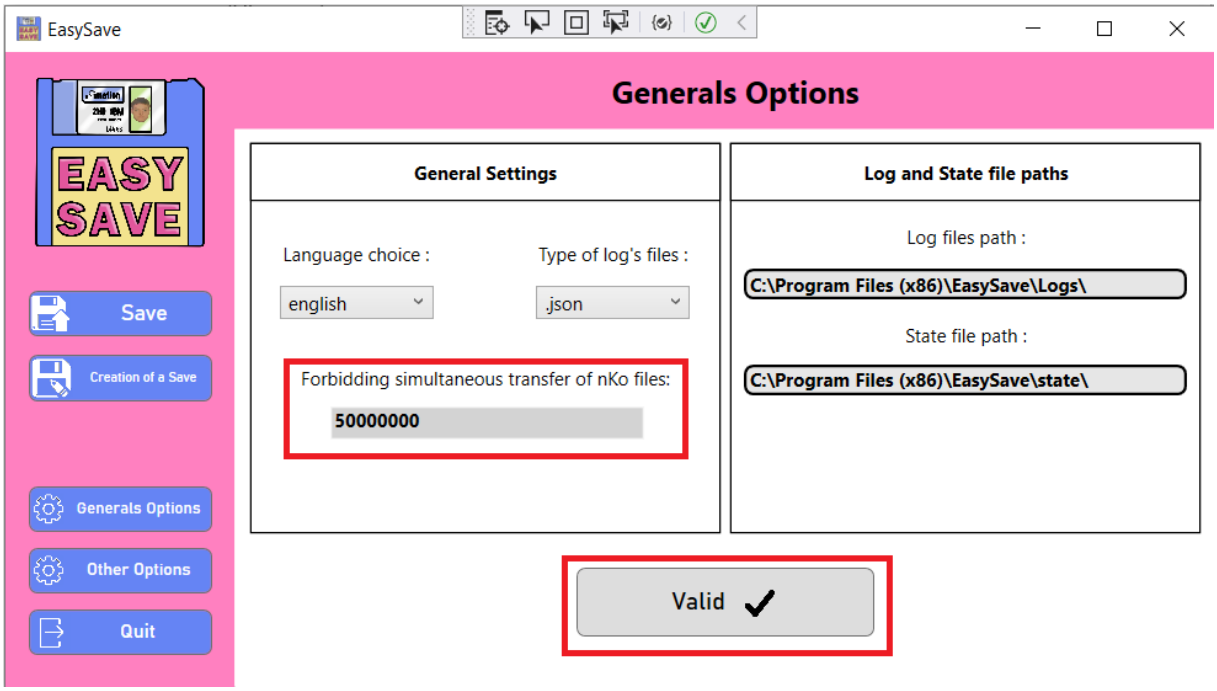
There are several possible languages in the software English and French that we change as this area in green: (you must click on “Validate” for the changes to be made)



You can also change the Type of Log you have the choice between. json and .xml area in green:

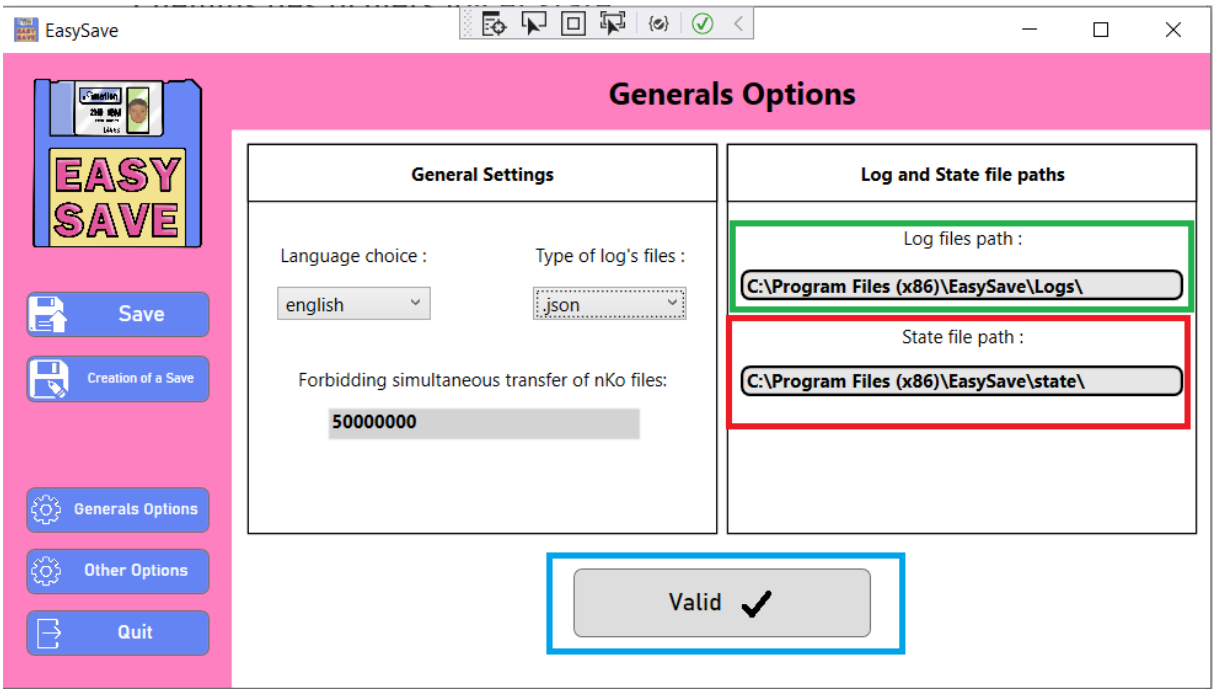


You can prohibit the simultaneous transfer of files of more than “nKo” n that you define it is in KB (kilobyte) area in red:



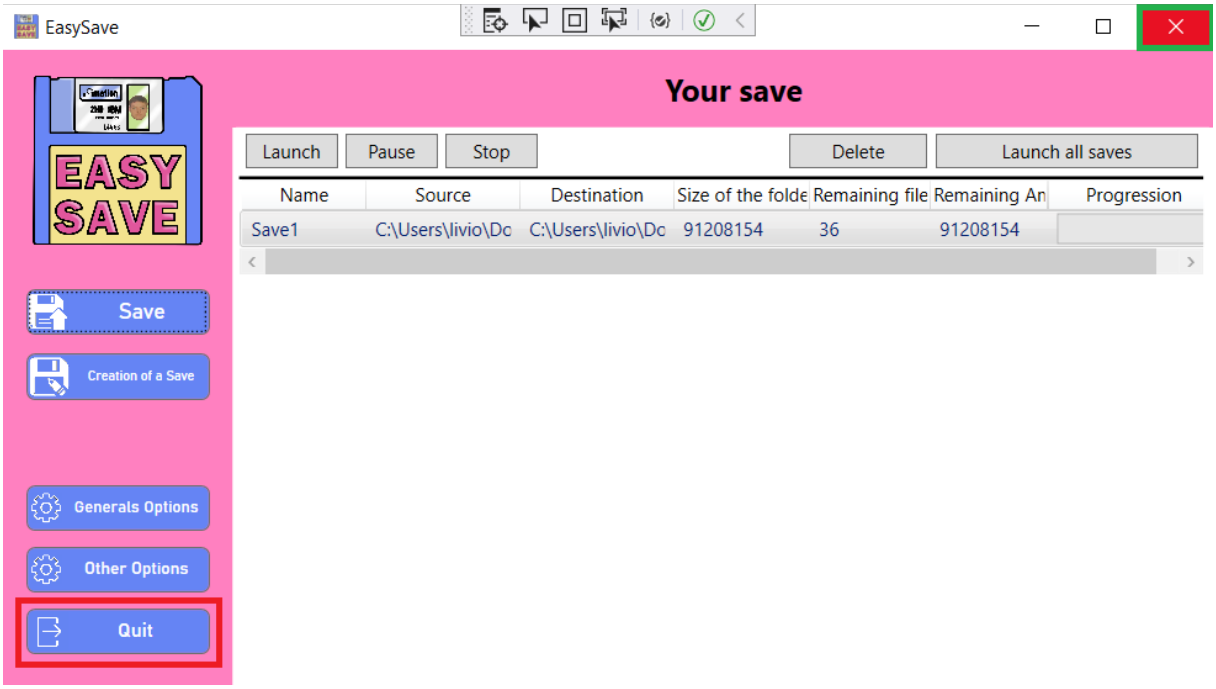
Log and state file paths:

You can choose the path of state zone in red and the path of logs zone in green if the path does not exist it will be automatically created (it is necessary to click on “Validate” so that the changes are carried out zone in blue):



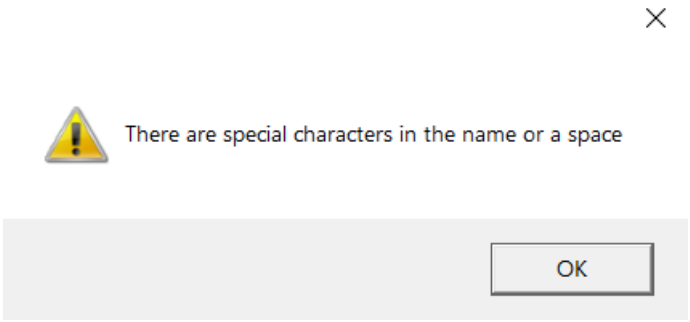
Quit the application:

To quit the application, you can either click on the “quit” button in the red area or on the cross in the upper right area in green:



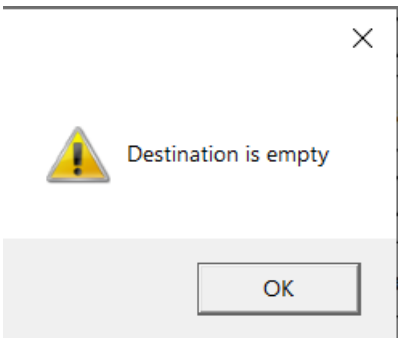
Different error messages:

Error the name is empty or incorrect



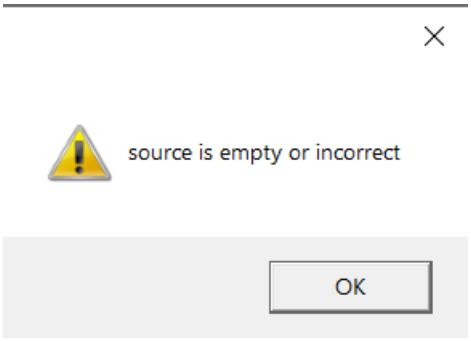
The name when creating the backup is empty or does not respect the allowed characters, which are all letters of the lower or upper-case alphabet and numbers. Spaces are not allowed.

Error destination is empty



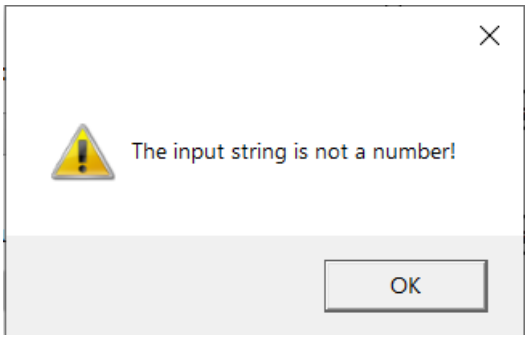
The destination path is empty, so you must give it one if it doesn't exist, it will be created automatically.

Error the source is empty or incorrect



The source path is either empty so it must be filled in or the source path does not exist.

Error the input string is not a number

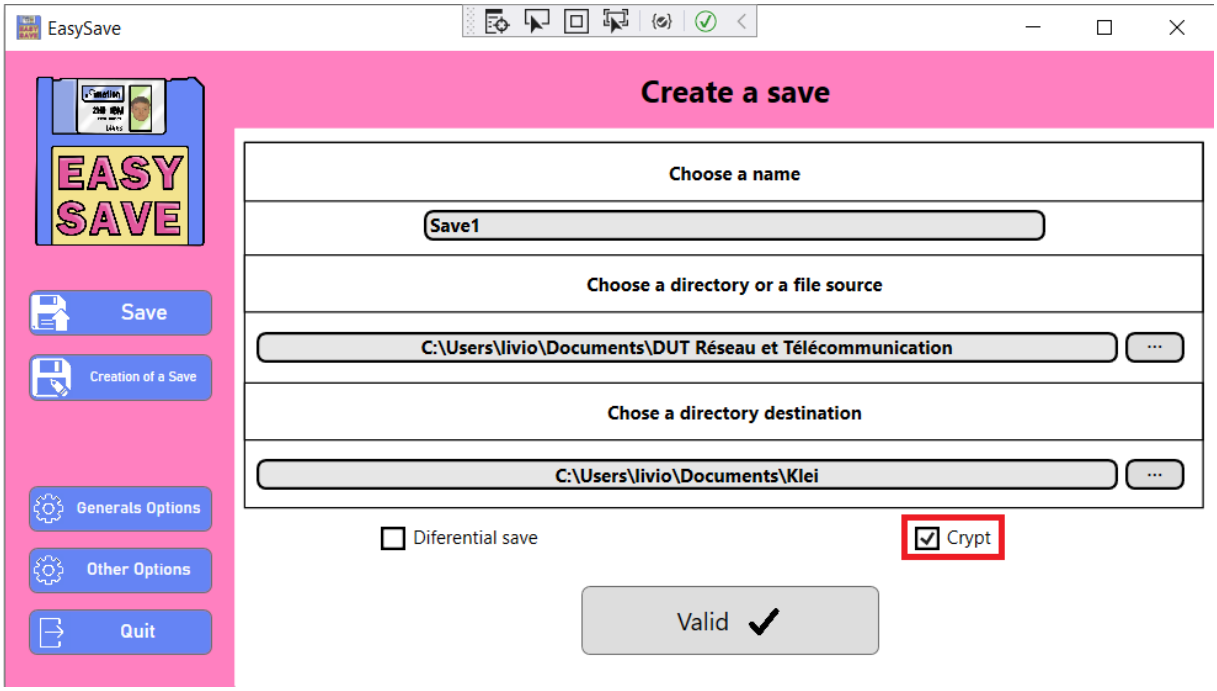


The string entered in “ban simultaneous transfer of nKo files” is not a number

Encryption:

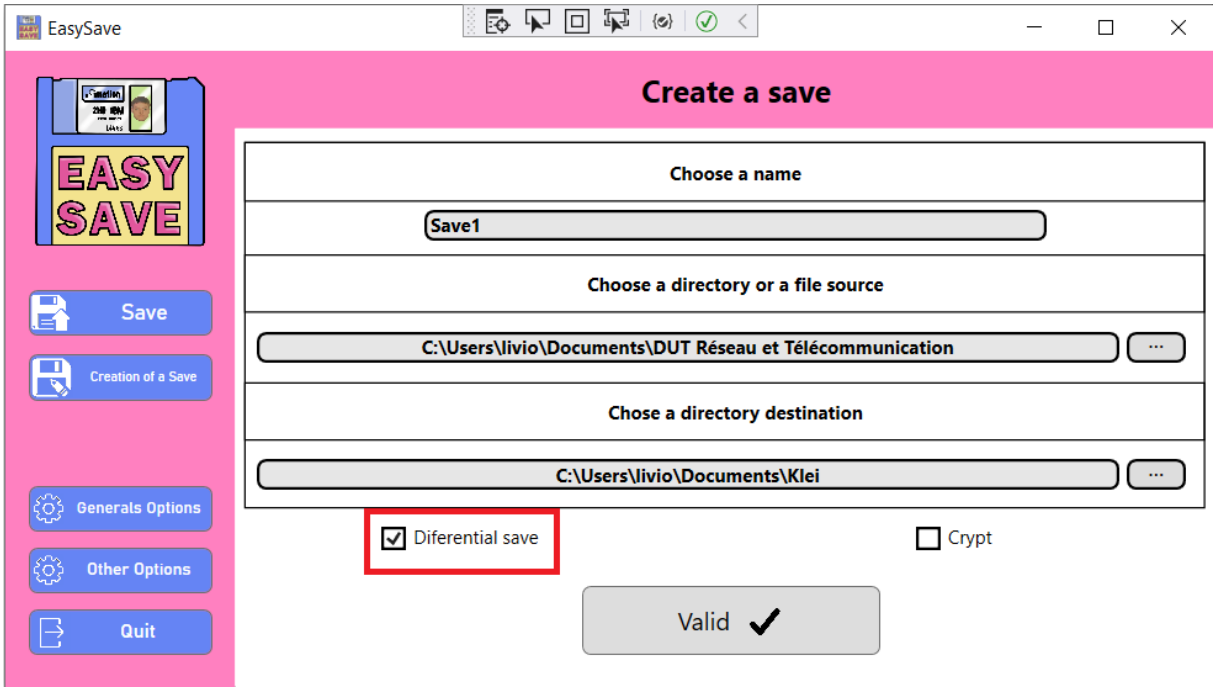
To encrypt you have to add the extensions that you want to encrypt refer to page 10.

Then on the software at the time of creating the backup it is necessary to check the box encryption zone in red:



The files will be encrypted from software named “CryptoSoft.” The encryption key is in the EasySave software settings file and cannot be modified by the software.

Differential backup:

The differential backup is based on the last full backup. It integrates and updates all the modifications made since.

To activate the differential backup, you must check the “differential backup” box when creating the backup zone in red: