



ROCHACARDOSO
Projects

BackupTool

User's Manual

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Table of Contents

1	Overview	3
2	Projects	5
2.1	Save project	5
2.2	Open project	7
3	Backup	8
4	Burn ISO to CD/DVD	9
5	Recover backup (*.zip)	10
6	More Information	12

1 Overview

The BackupTool (Figure 1.1) was developed using Qt-C++ and the libraries QuaZip and zLib. It is a tool to help the backup control. The user can backup files and folders in .zip or .iso file. The backup contains date and time of its creation and the user can also write a description that will be saved inside the backup file. The software also offers a recovery tool from an existing backup (for .zip files) and the possibility of burning CD/DVD in case of .iso files.

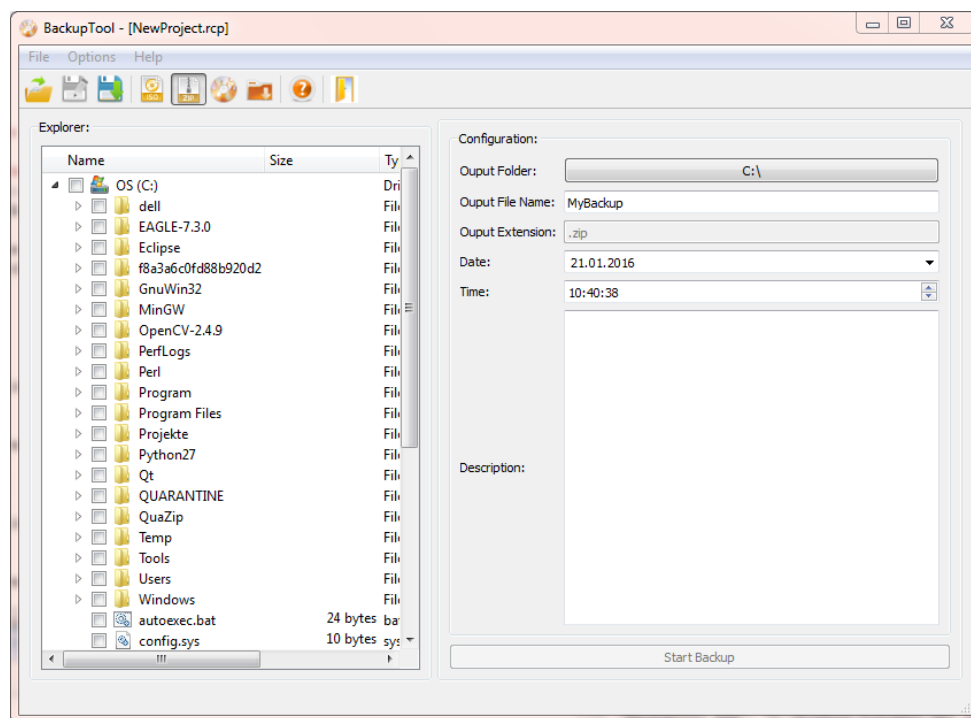


Figure 1.1 – BackupTool interface.

There are 3 menu options (all the menu options are represented with symbols on the menu bar):

- File;
 - Open;
 - Save;
 - Save as;
 - Exit.
- Options;
 - Backup as ISO;
 - Backup as ZIP;
 - Burn ISO to CD;
 - Recover backup (*.zip).
- Help;
 - Topics;
 - About.



Symbol:	Function:	Description:
	Open	Open a saved project.
	Save	Save modification if project already exists.
	Save as	Save a new project.
	Backup as ISO	Create a backup with ISO extension (image).
	Backup as ZIP	Create a backup with ZIP extension (compressed).
	Burn ISO to CD	Burn an ISO file in a CD/DVD.
	Recover backup (*.zip)	Recover an existing backup (zip file only).
	Topics	Show help topics.
	Exit	Close the software.

2 Projects

If the user wants to frequently generates a backup from specific files and folders he does not need to every time open the software and select the same files and folders, for this, the user can create projects and save because then when he needs to back up the files he only needs to open the saved project and press “Start Backup”.

2.1 Save project

The user can select all folders and files, select an output folder, write a backup file name, select the extension (by toggling the buttons:  or ) and write a description for the backup. When the configuration is done he can press on  or open menu “File” and then “Save as”.

Example (Figure 2.1):

Selected File: C:\Perl\Bin\perl.exe

Selected Folder: C:\Tools

Output Folder: C:\Temp

Output File Name: MyBackup

Extension: ISO

Description: Test

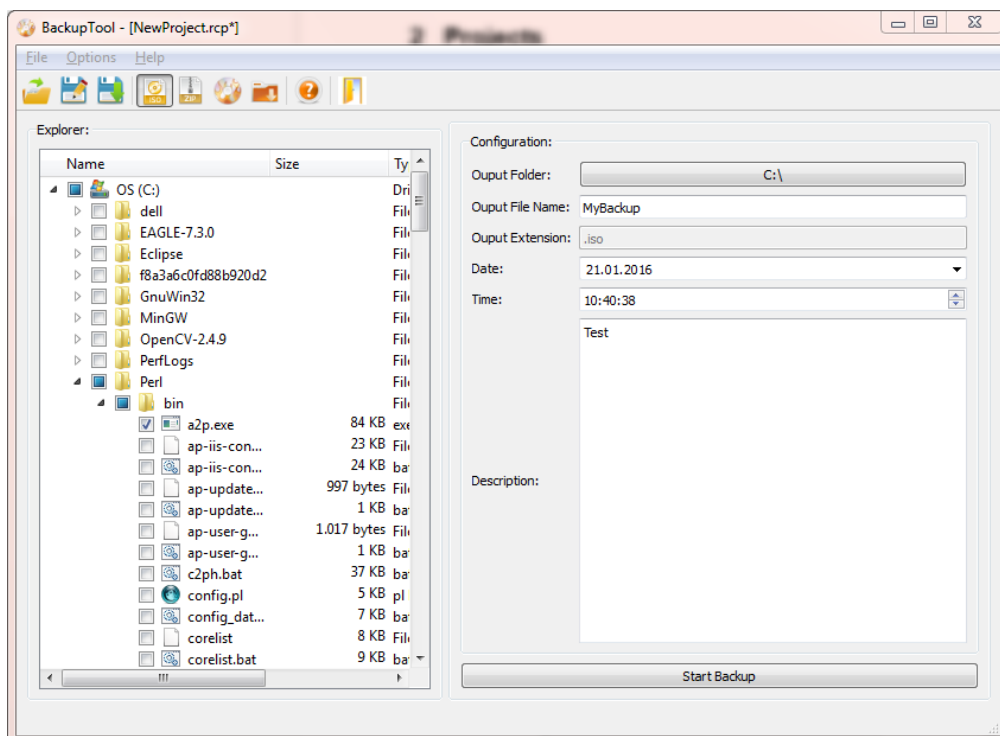


Figure 2.1 – Project example.

After press save the user needs to choose where the software will save the project file (Figure 2.2). The project file extension for this software is *.rcp. The software will show a message (Figure 2.3) when it is done.

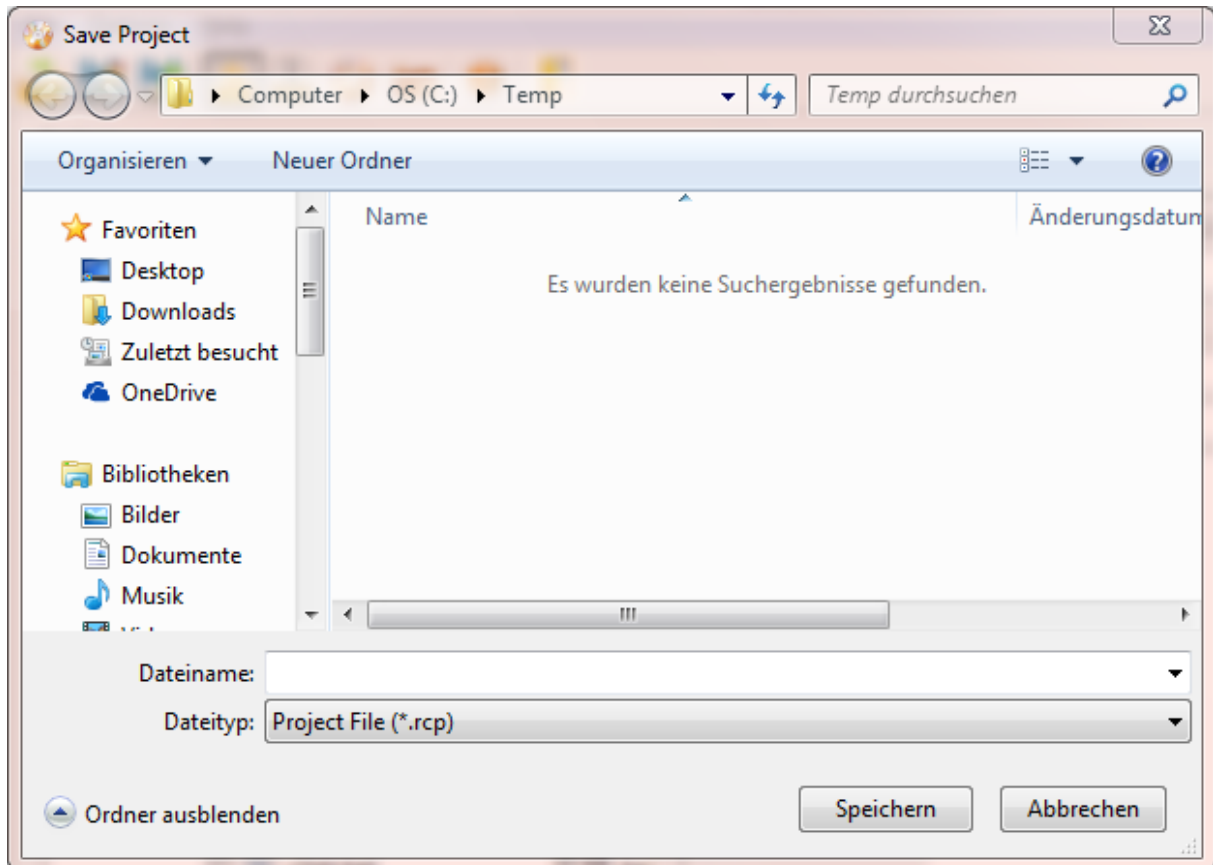


Figure 2.2 – Save project selection path.

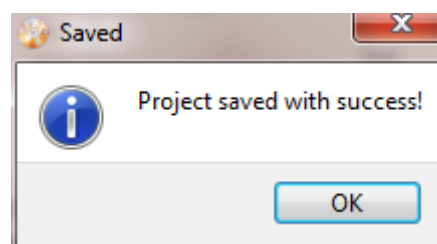


Figure 2.3 – Project saved.

2.2 Open project

The user can press on  or open menu “File” and then “Open”. The software will open a screen (Figure 2.4) which the user needs to select the project file.

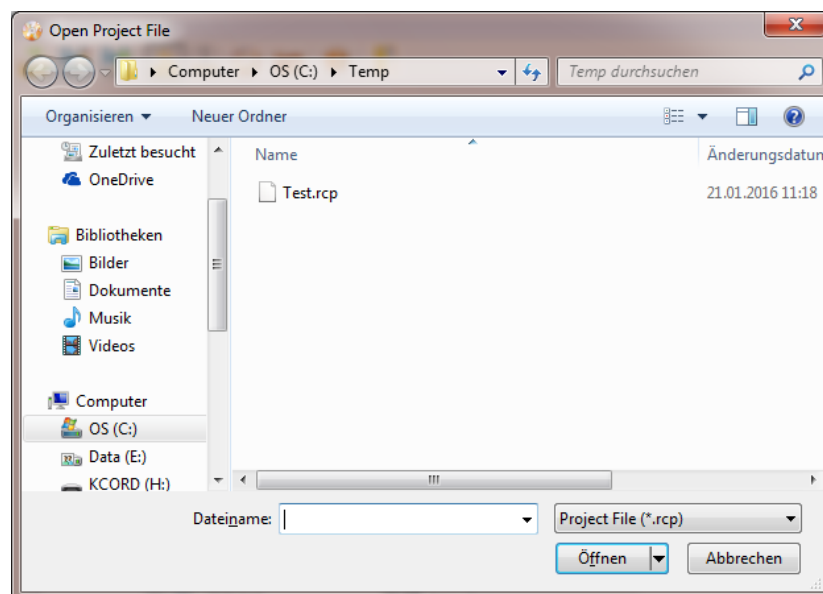


Figure 2.4 – Open project selection screen.

The software will take the configuration of the file and sets back to the screen and on the window title the user will see which file is opened (Figure 2.5).

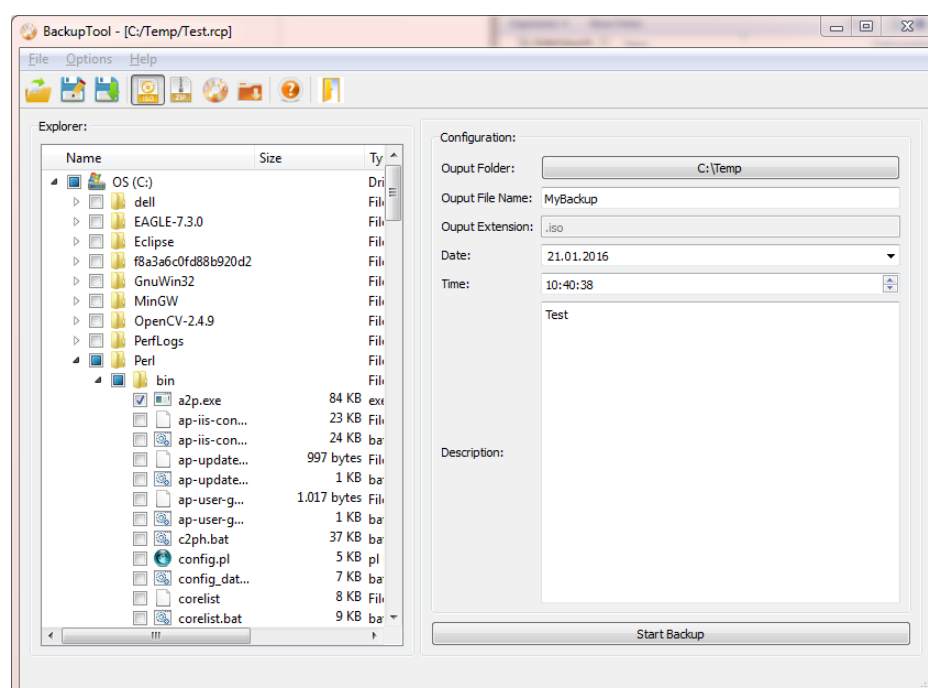


Figure 2.5 – Project opened.

3 Backup

After the user selects all folders and files that desires to backup, he needs to choose between ISO or ZIP file (by toggling the buttons:  or ) and then he can press the button “Start Backup” (Figure 3.1).

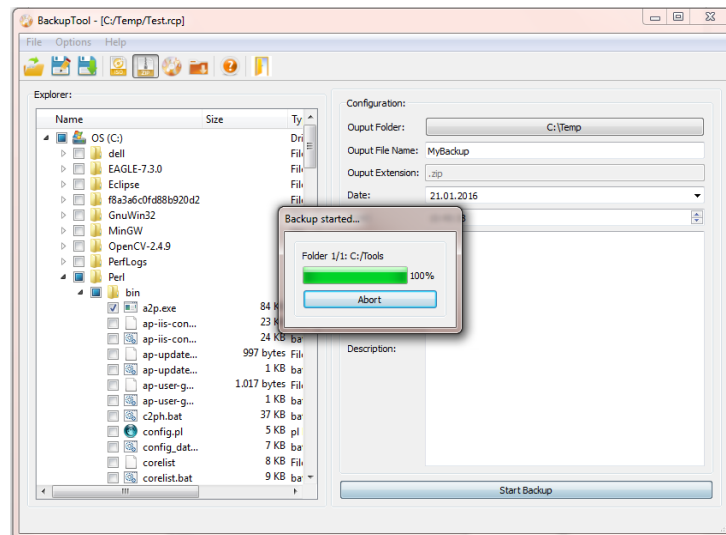


Figure 3.1 – Backup progress.

When the backup is finished the software will show a message with all files and folders in the details (Figure 3.2).

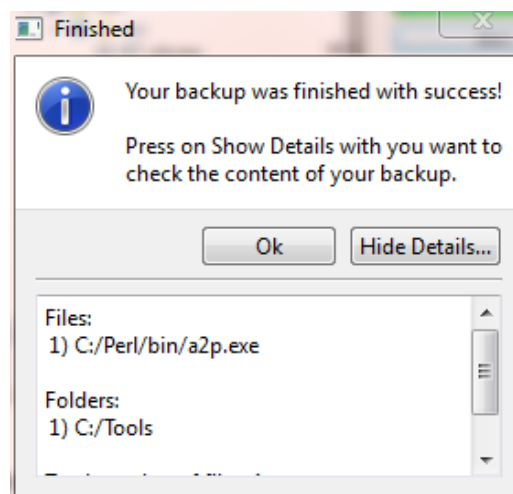


Figure 3.2 – Backup finished.

!

If any folder or file needs Administrator rights, you must run the software as Administrator, otherwise the backup will not finish with success.

4 Burn ISO to CD/DVD

After the user creates a backup using ISO extension he can burn a CD/DVD with his backup. The software can be used to burn ISO, not only ISO files created using it but

any ISO file. The user needs to press on  or open menu “Options” and then “Burn ISO to CD”. After press this option, the software will open a screen (Figure 4.1) which the user needs to select the ISO file.

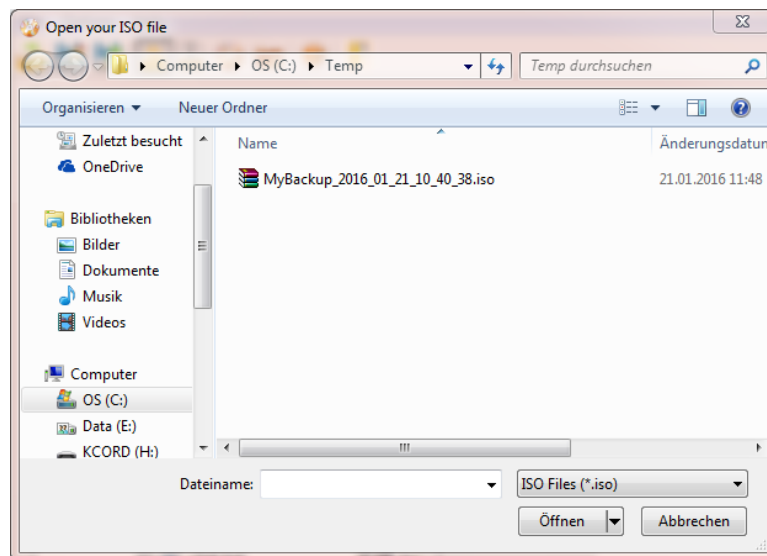


Figure 4.1 – ISO image selection.

After selection the software will show the file size, driver option, media option and the button “Burn” (Figure 4.2).

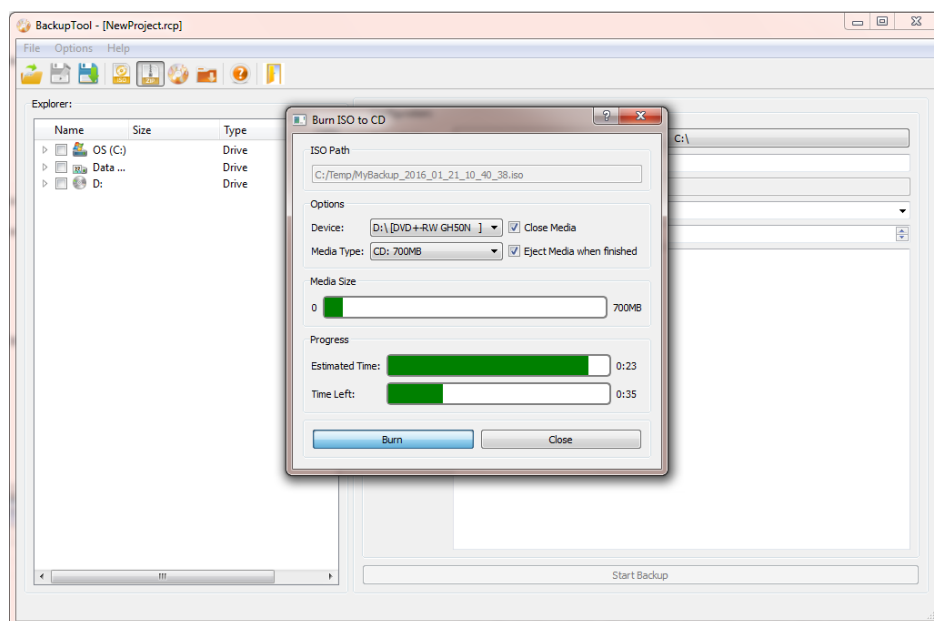


Figure 4.2 – Burning CD.

5 Recover backup (*.zip)

The user can make a recovery from an old backup file. The recovery function works only for backups made in zip files and the backup has to be made using this software. The user cannot use the recovery function with any zip file that he made, only with files generated with this software. The recovery function can be called using

the symbol  or opening menu “Options” and then “Recover backup (*.zip)”. After the option is pressed the software will show a screen (Figure 5.1) which the user needs to select the zip file he needs to recover.

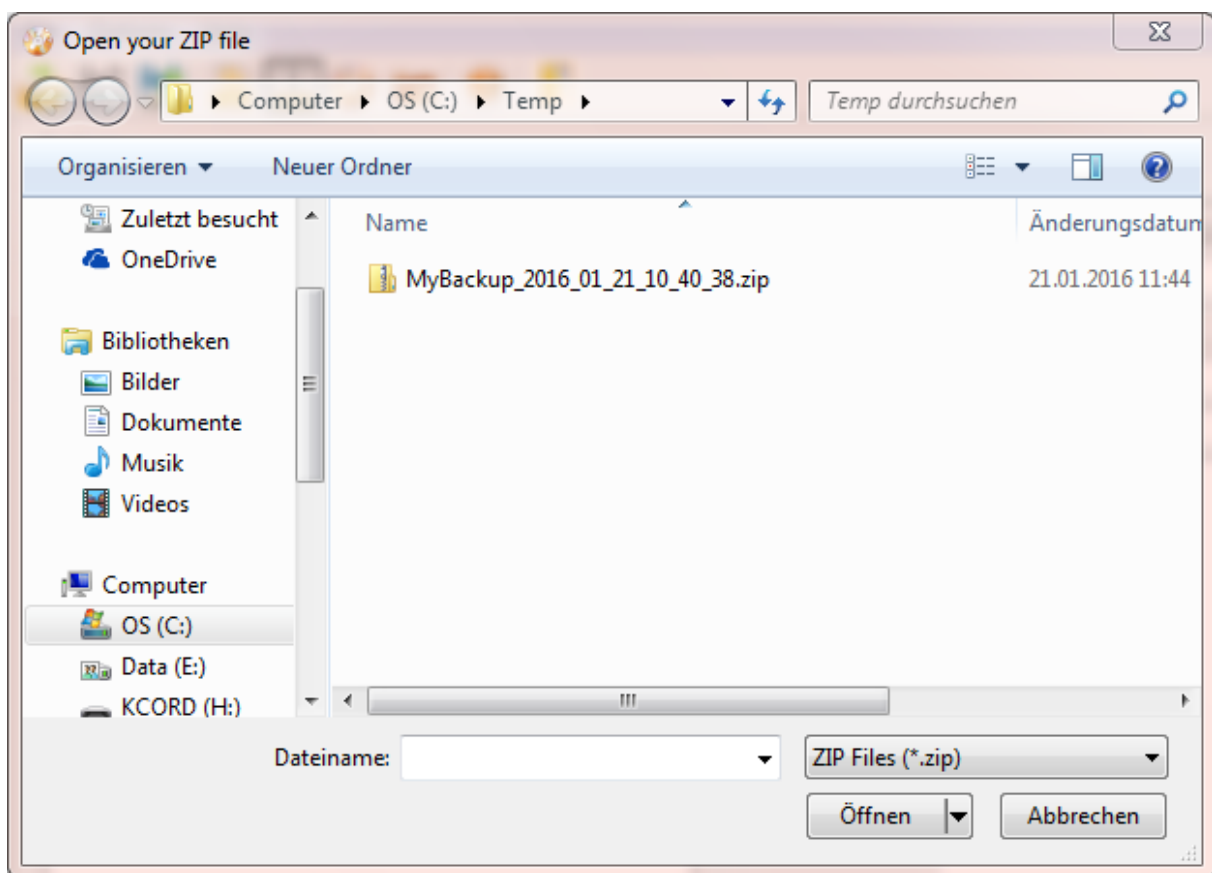


Figure 5.1 – Recover selection.

After choose the file and press “Open” the software will recover all content from the zip file and save them at exactly the same location they were when the user made the backup (Figure 5.2) and show a message when it is finished (Figure 5.3).

!	If any folder or file needs Administrator rights, you must run the software as Administrator, otherwise all that needs Administrator rights will fail to be recovered. In case of fail the user can check on Details (Figure 5.3) which files have failed.
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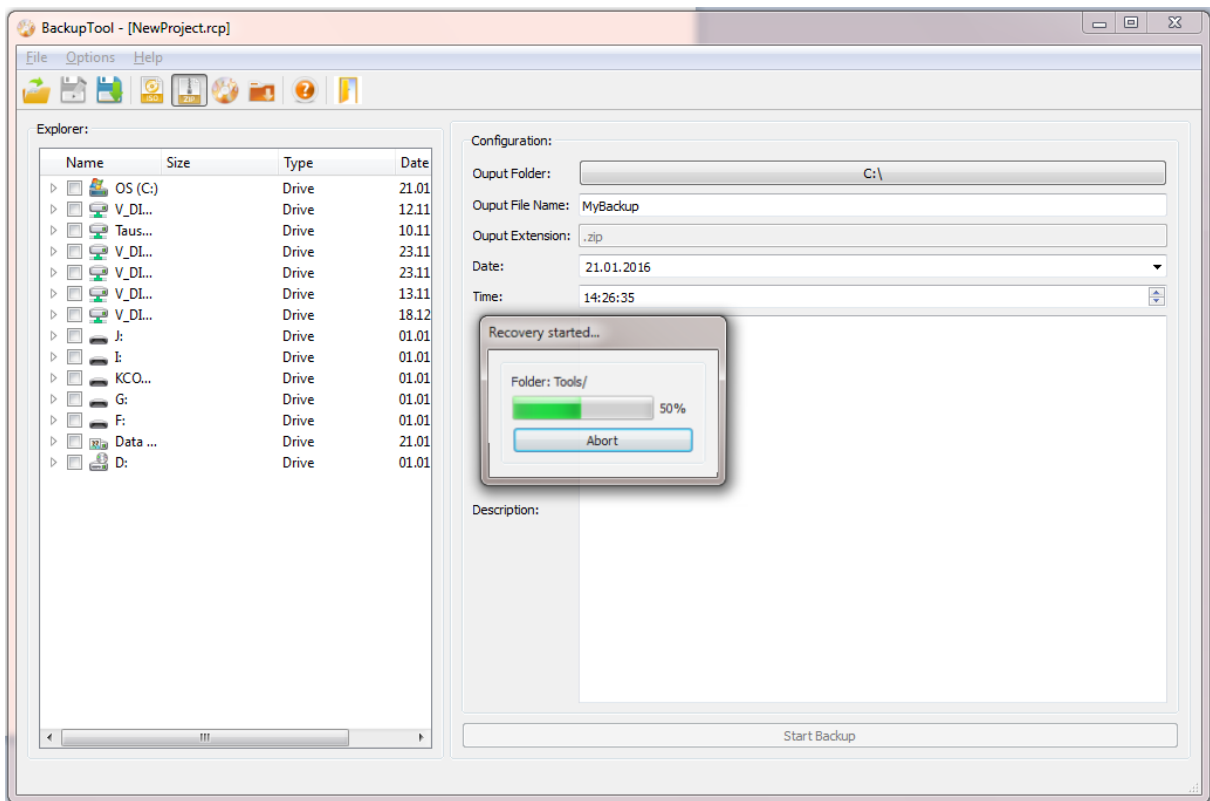


Figure 5.2 – Recovery.

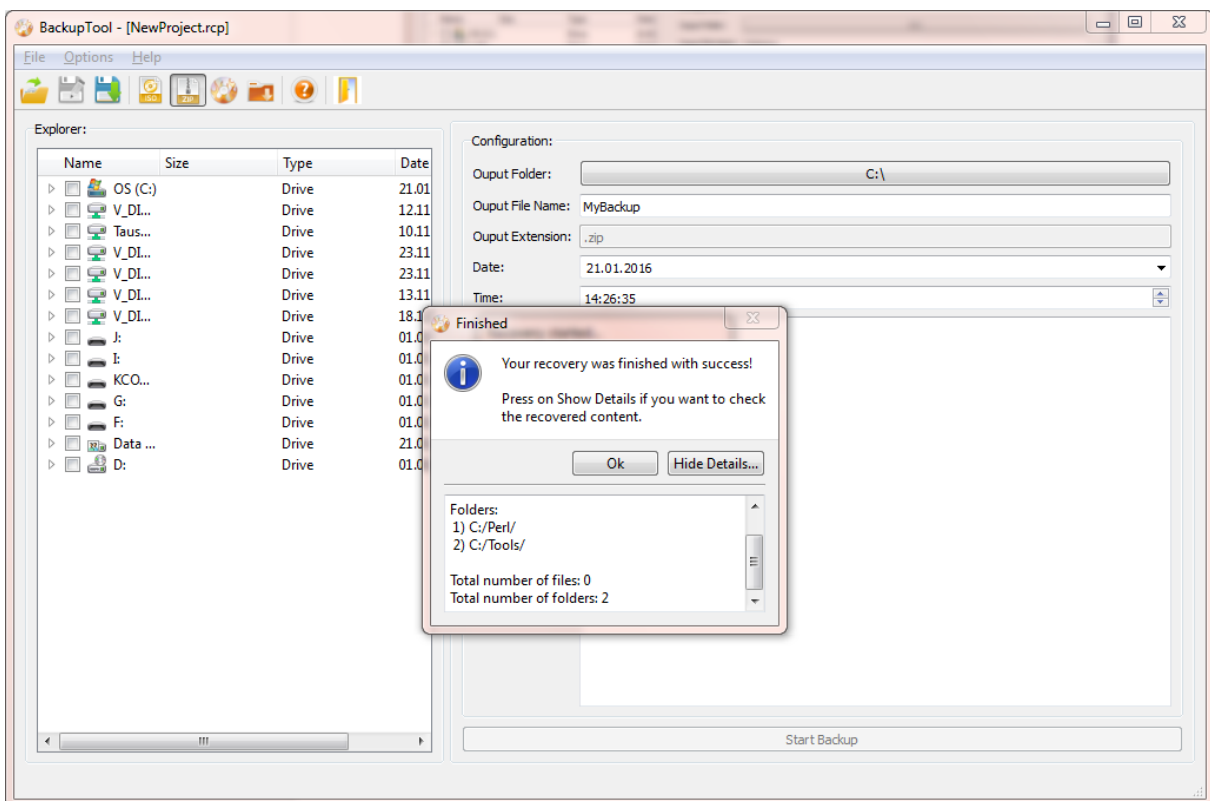


Figure 5.3 – Recovery finished.

6 More Information

For more information you can visit our website <http://www.rochacardoso.de> or contact us:

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