DUPLIKEY 7 to 60 ports

The duplicator for USB2 and USB3 pen drives and hard disk drives

DUPLIKEY USB3 is the only duplicator providing USB2 and USB3 formats. Il allows duplicating USB pen drives and hard disk drives, copying files and folders in a multitasks environment. Compatible with Windows 7, 8 and 10.

Software product provides following features:

- Duplication from 7 to 60 devices of any capacity, FAT, FAT32, ExFat, NTFS, Ext2 to 4, HFS, HFS+ formatted (according to installed options in the OS),
- Multitasks duplication for all keys at the same time,
- Audio signal at the end of duplication task,
- Selection of a folder itself with its content, or only items inside this source folder,
- Addition of items in a key without deleting previous content (folders or files),
- Format keys manually (before copying) or automatically (during copy job),
- Check inserted keys and their content,
- Management of copy series, with number of keys to be copied and number of duplicated keys,

Low level format of 60 devices

- Complete errors management: our sofware immediately displays error code when:
  - a/ One or several keys become unavailable (untimely unmounted, bad connection, hardware failure, power cut) during copy job,,
  - b/ One or several keys are write-protected by a Lock switch preventing write operations,
  - c/ One or several keys become full (no more space availlable).
- Identical files/folders are not copied. Adding files/folders is possible. The goal is to save time, with no risk to delete information....
- Event-driven detection of plugged in and unplugged keys,
- Duplicator and pen drives graphically displayed on screen, with the ability to make one or several keys flash, for example to find which one(s) is(are) in failure,
- Copy with the highest possible speed on the keys, thanks to USB3 and multitasking,
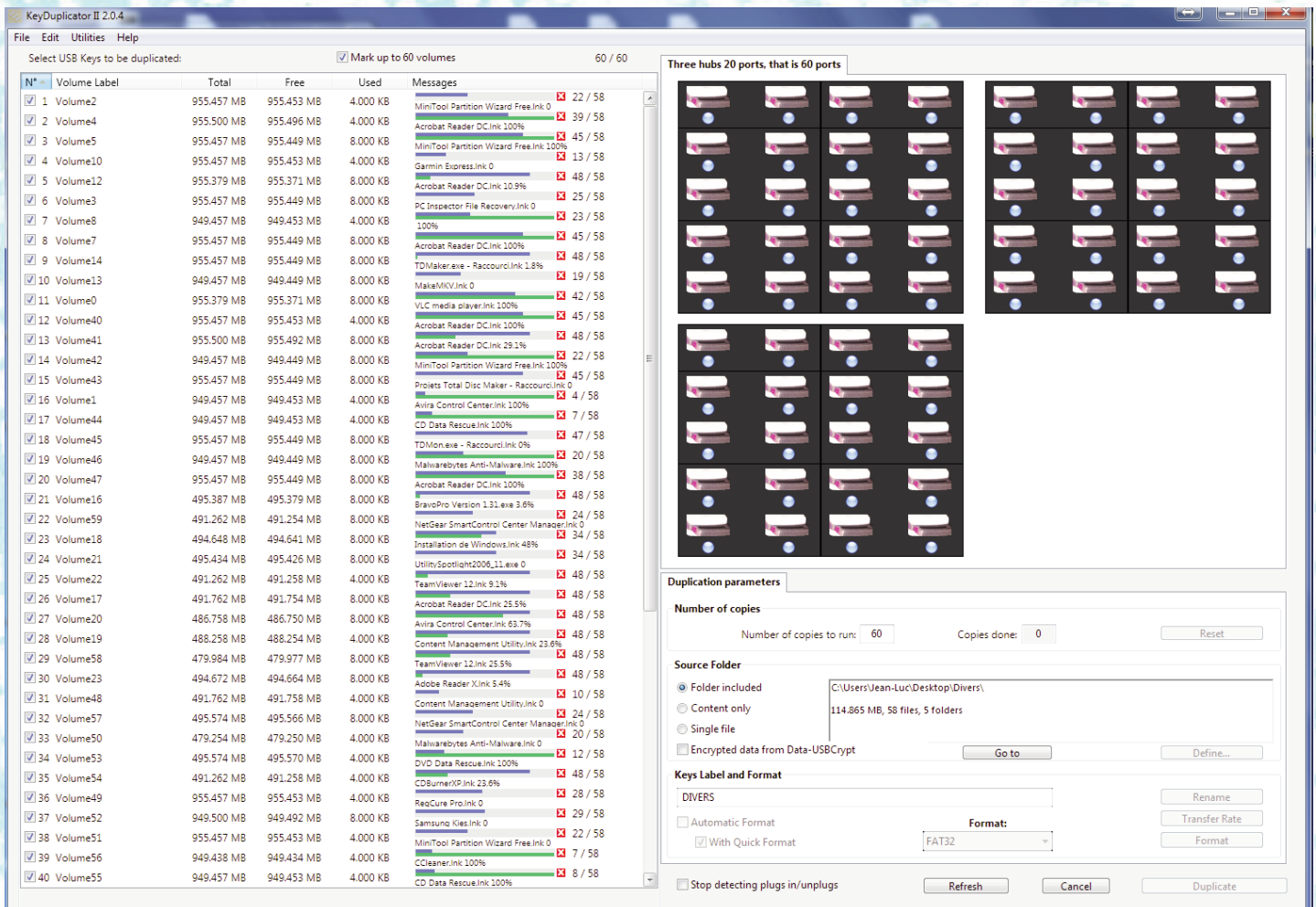
Files/Folders duplication of 60 devices

NEW IN VERSION 2.5.0

This version introduces a new duplication method using a sector-by-sector copy. This leads to making a real clone of your original device.

The Disk Image Copy method works with an image of your original device (Pen-drive and other Flash Memories, HDD, …). KeyDuplicatorII 2.5.0 helps you making this image, simply by selecting the source device. It may be Windows, Linux or Mac formatted, simple or multiple volumes partitio-ned, even with mixed partition types (i.e. FAT32+NTFS). No needs to install specific drivers for managing non Windows devices, as Image Copy method is able to deal with unmounted devices.

At Image restoration time, a real clone of the original device is created, so that it's impossible to mount together the original device and one of its clone, or two clones of the same device. In such a case, Windows OS displays an error message saying there is a Signature conflict problem!

This is a normal and expected behaviour. We provide, as a setup, a way to copy devices with a signature change, in order to obtain real clones but the signature and to be able to mount two (or more) of them without conflict.

In addition, Image copy is more reliable and up to 5 times faster than Files/Folders copy.
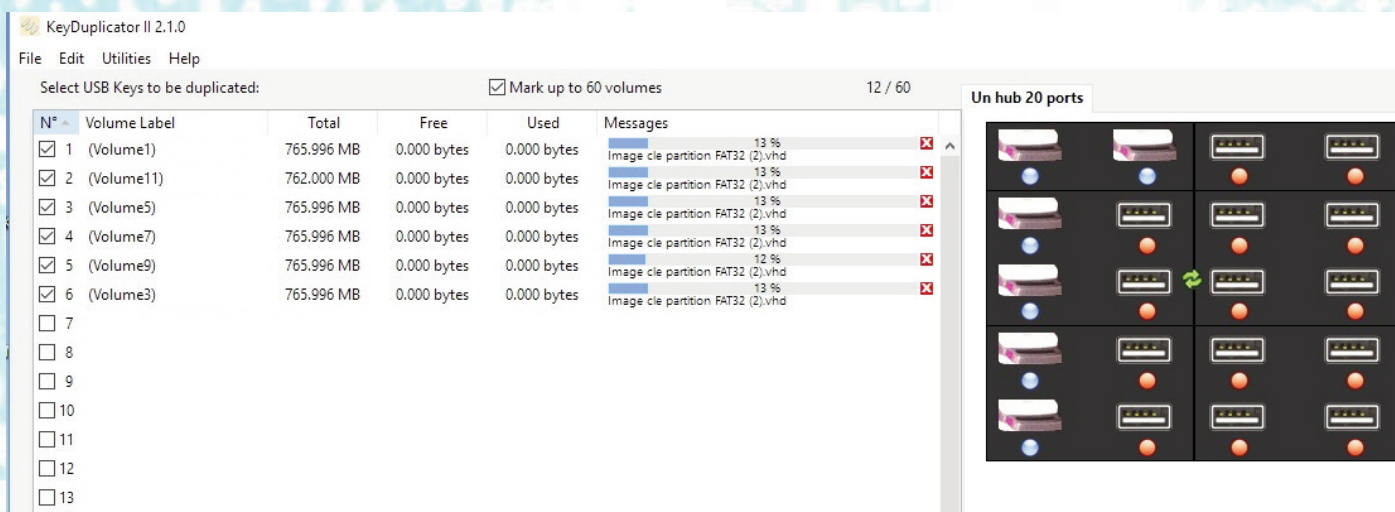
Disk Image duplication of 6 devices on up to 60
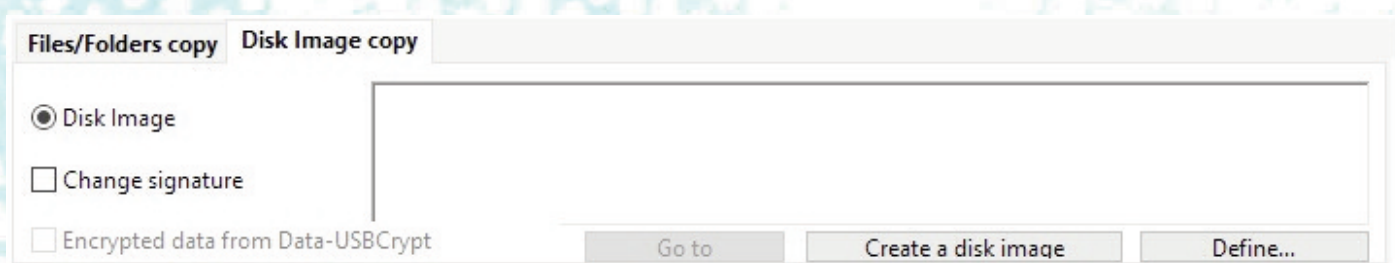
Disk Image duplication parameters

Duplikey hardware implements following features:

- Hubs with 7 to 20 USB3 connectors vertically laid out and spaced out to connect thick and large, cumbersome devices,
- All these hubs are totally independent one of the others, offering more reliability,
- Every hub has a Power On light and In Use indicator lights for each port,
- Every hub is auto powered, enabling you to use keys with a very high level of electrical power consumption, from 1A to 2A per USB3 port (depending on configuration),
- USB 1.1 (1.0 untested), 2.0 and, of course, USB 3.0 compatibility (1.1 not recommanded),
- USB3 extension cable, allowing to connect DUPLIKEY far enough of your PC and within hand reach for comfortable connection and deconnection of keys,
- Including 1, 2 or 3 Fast USB3 PCIe card(s), with high data rate. Cards to be inserted in PC, in order to connect Duplikey system,
- 7 to 60 ports USB System also usable (without copy software) as a very efficient hub receiving all USB devices that you may wish.

This efficient set will allow you to get a very fast profitability on your investment and to save a lot of time in USB keys or disks duplication.

No competitor, today, on connected USB3 duplicators market.

The same set can be used as a duplicator for USB1, USB2 and USB3 hard disk drives, or any USB peripheral device of any size.

While investing today you are sure to keep this product for a while before USB3 standard changes.
- USB 2.0 standard allows transfer rate up to 480 Mb/s,
- USB 3.0 standard provides a theorical impressive transfer rate up to 4.8 Gb/s.

Software news in version 2.5.0:

- Mainly, KeyDuplicatorII 2.5.0 provides a new copy method, the Disk Image Copy, in order to realise a real clone of the original device with partition table, partitions and all data.
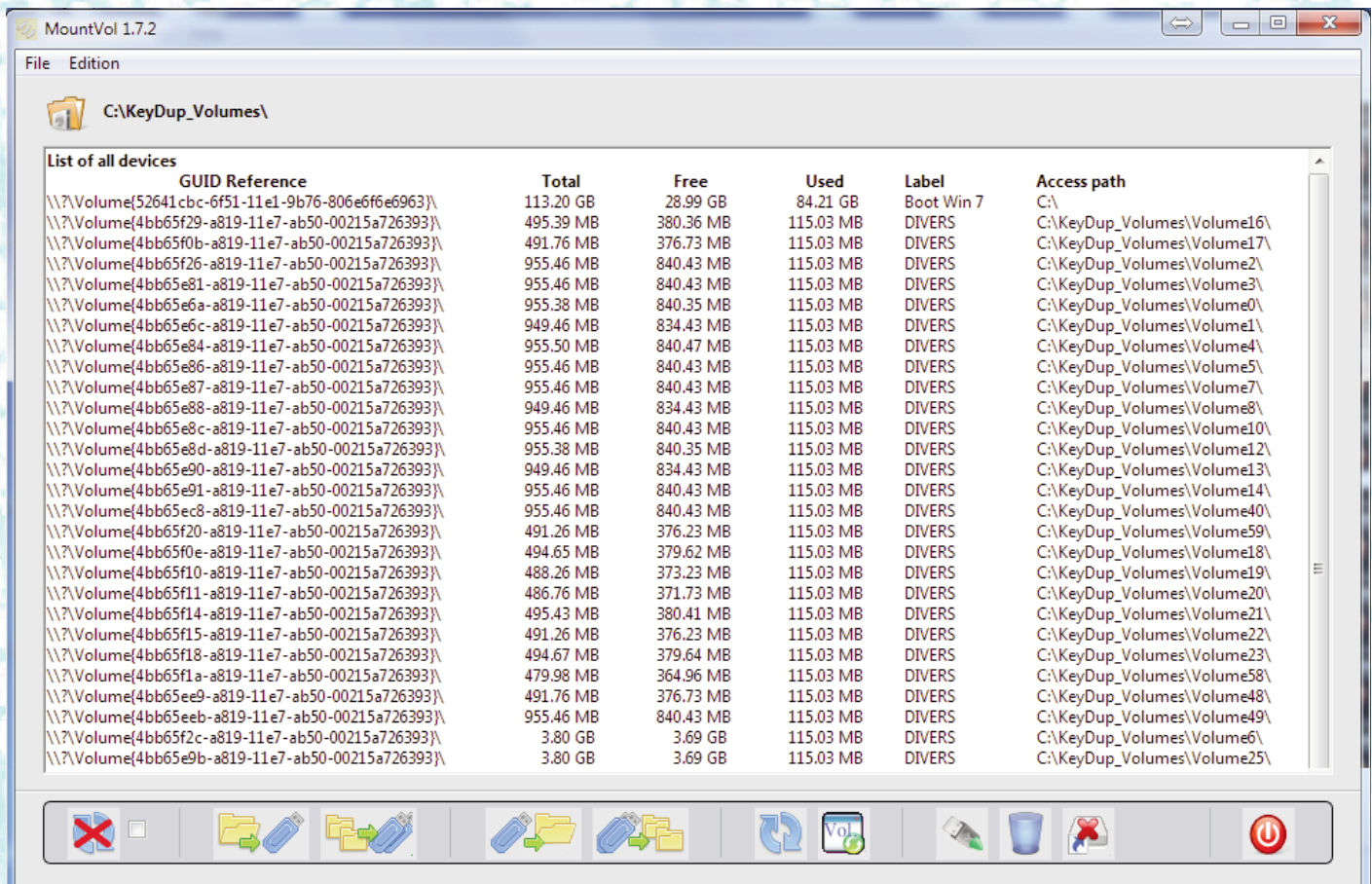- Some changes in the GUI in order to integrate the DiskImage Copy method and some new options: Create DiskImage, information about Disk Image, access to unmounted devices.

Implemented features:
- Event driven detection of plug in/unplug of devices,
- Graphic User Interface with physical ports location,
- Mountvol Utility, management of volumes mount points,
- Autorun.inf conception with Label and/or device icon,
- USB registries cleanup,
- Duplication of encrypted keys (with our DataUSBCrypt software), ...

Software news for future versions:

- Automatic startup as soon as the last key is plugged in, or after temporisation (set in Prefs),
- Estimation of duplication duration, including keys performances and plug in/unplug time,
- Complete log file (date, time, device serial number, copy result, error messages, …),
- Ability to rename one or more files,
- Capability to delete one or several files into all duplicated keys,
- Disk Copy from device to device, avoiding the need to create an Image file. Useful for HDD duplication.
- Duplication duration will be estimated, taking into account keys speed and time needed for plug/unplug operations,
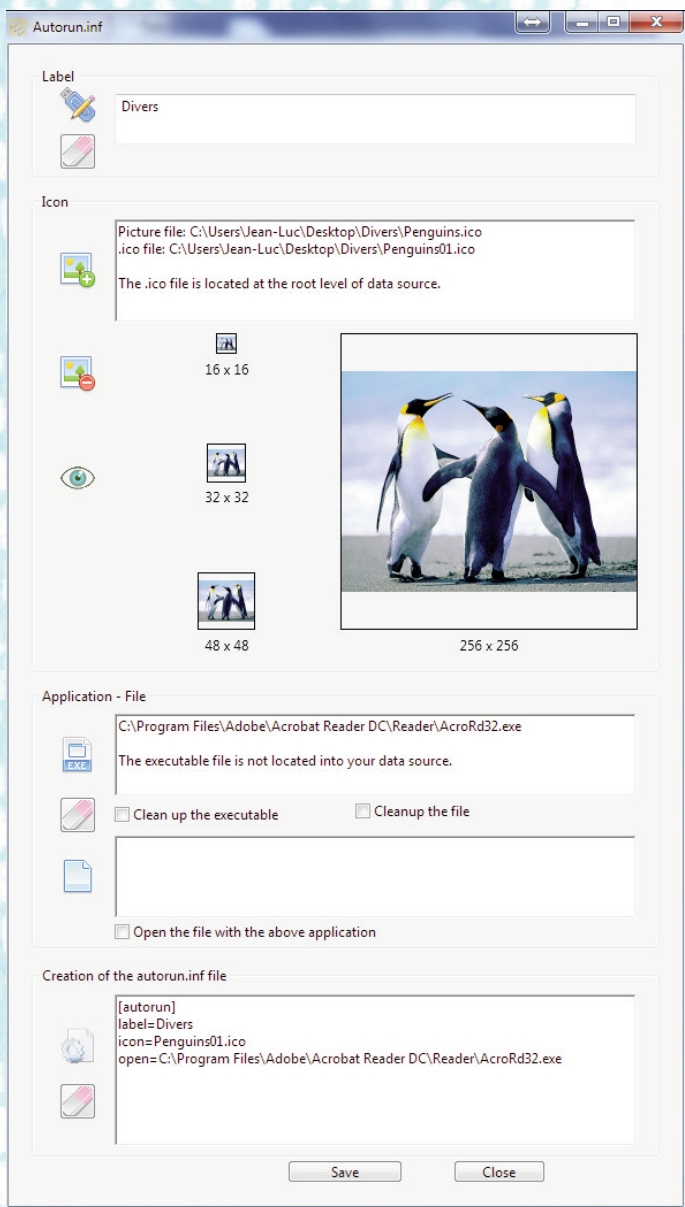- Automatic or manual updates available via Internet.

MountVol 1.7.2

File   Edition

C:\KeyDup_Volumes\

List of all devices

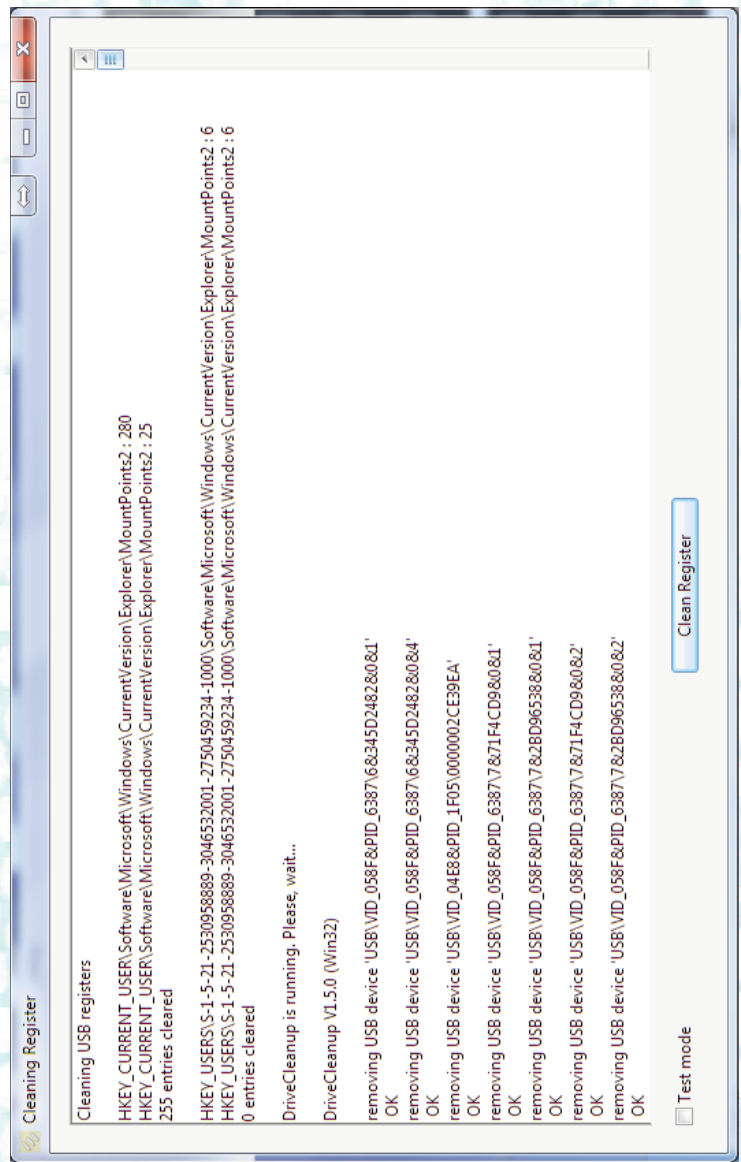| GUID Reference	Total	Free	Used	Label	Access path
\\?\Volume{52641cbc-6f51-11e1-9b76-806e6f6e6963}\	113.20 GB	28.99 GB	84.21 GB	Boot Win 7	C:\
\\?\Volume{4bb65f29-a819-11e7-ab50-00215a726393}\	495.39 MB	380.36 MB	115.03 MB	DIVERS	C:\KeyDup_Volumes\Volume16\
\\?\Volume{4bb65f0b-a819-11e7-ab50-00215a726393}\	491.76 MB	376.73 MB	115.03 MB	DIVERS	C:\KeyDup_Volumes\Volume17\
\\?\Volume{4bb65f26-a819-11e7-ab50-00215a726393}\	955.46 MB	840.43 MB	115.03 MB	DIVERS	C:\KeyDup_Volumes\Volume2\
\\?\Volume{4bb65e81-a819-11e7-ab50-00215a726393}\	955.46 MB	840.43 MB	115.03 MB	DIVERS	C:\KeyDup_Volumes\Volume3\
\\?\Volume{4bb65e6a-a819-11e7-ab50-00215a726393}\	955.38 MB	840.35 MB	115.03 MB	DIVERS	C:\KeyDup_Volumes\Volume0\
\\?\Volume{4bb65e6c-a819-11e7-ab50-00215a726393}\	949.46 MB	834.43 MB	115.03 MB	DIVERS	C:\KeyDup_Volumes\Volume1\
\\?\Volume{4bb65e84-a819-11e7-ab50-00215a726393}\	955.50 MB	840.47 MB	115.03 MB	DIVERS	C:\KeyDup_Volumes\Volume4\
\\?\Volume{4bb65e86-a819-11e7-ab50-00215a726393}\	955.46 MB	840.43 MB	115.03 MB	DIVERS	C:\KeyDup_Volumes\Volume5\
\\?\Volume{4bb65e87-a819-11e7-ab50-00215a726393}\	955.46 MB	840.43 MB	115.03 MB	DIVERS	C:\KeyDup_Volumes\Volume7\
\\?\Volume{4bb65e88-a819-11e7-ab50-00215a726393}\	949.46 MB	834.43 MB	115.03 MB	DIVERS	C:\KeyDup_Volumes\Volume8\
\\?\Volume{4bb65e8c-a819-11e7-ab50-00215a726393}\	955.46 MB	840.43 MB	115.03 MB	DIVERS	C:\KeyDup_Volumes\Volume10\
\\?\Volume{4bb65e8d-a819-11e7-ab50-00215a726393}\	955.38 MB	840.35 MB	115.03 MB	DIVERS	C:\KeyDup_Volumes\Volume12\
\\?\Volume{4bb65e90-a819-11e7-ab50-00215a726393}\	949.46 MB	834.43 MB	115.03 MB	DIVERS	C:\KeyDup_Volumes\Volume13\
\\?\Volume{4bb65e91-a819-11e7-ab50-00215a726393}\	955.46 MB	840.43 MB	115.03 MB	DIVERS	C:\KeyDup_Volumes\Volume14\
\\?\Volume{4bb65ec8-a819-11e7-ab50-00215a726393}\	955.46 MB	840.43 MB	115.03 MB	DIVERS	C:\KeyDup_Volumes\Volume40\
\\?\Volume{4bb65f20-a819-11e7-ab50-00215a726393}\	491.26 MB	376.23 MB	115.03 MB	DIVERS	C:\KeyDup_Volumes\Volume59\
\\?\Volume{4bb65f0e-a819-11e7-ab50-00215a726393}\	494.65 MB	379.62 MB	115.03 MB	DIVERS	C:\KeyDup_Volumes\Volume18\
\\?\Volume{4bb65f10-a819-11e7-ab50-00215a726393}\	488.26 MB	373.23 MB	115.03 MB	DIVERS	C:\KeyDup_Volumes\Volume19\
\\?\Volume{4bb65f11-a819-11e7-ab50-00215a726393}\	486.76 MB	371.73 MB	115.03 MB	DIVERS	C:\KeyDup_Volumes\Volume20\
\\?\Volume{4bb65f14-a819-11e7-ab50-00215a726393}\	495.43 MB	380.41 MB	115.03 MB	DIVERS	C:\KeyDup_Volumes\Volume21\
\\?\Volume{4bb65f15-a819-11e7-ab50-00215a726393}\	491.26 MB	376.23 MB	115.03 MB	DIVERS	C:\KeyDup_Volumes\Volume22\
\\?\Volume{4bb65f18-a819-11e7-ab50-00215a726393}\	494.67 MB	379.64 MB	115.03 MB	DIVERS	C:\KeyDup_Volumes\Volume23\
\\?\Volume{4bb65f1a-a819-11e7-ab50-00215a726393}\	479.98 MB	364.96 MB	115.03 MB	DIVERS	C:\KeyDup_Volumes\Volume58\
\\?\Volume{4bb65ee9-a819-11e7-ab50-00215a726393}\	491.76 MB	376.73 MB	115.03 MB	DIVERS	C:\KeyDup_Volumes\Volume48\
\\?\Volume{4bb65eeb-a819-11e7-ab50-00215a726393}\	955.46 MB	840.43 MB	115.03 MB	DIVERS	C:\KeyDup_Volumes\Volume49\
\\?\Volume{4bb65f2c-a819-11e7-ab50-00215a726393}\	3.80 GB	3.69 GB	115.03 MB	DIVERS	C:\KeyDup_Volumes\Volume6\
\\?\Volume{4bb65e9b-a819-11e7-ab50-00215a726393}\	3.80 GB	3.69 GB	115.03 MB	DIVERS	C:\KeyDup_Volumes\Volume25\

MountVol utility, management of volumes mount points

Autorun creation utility

Autorun.inf

Label

Divers

Icon

Picture file: C:\Users\Jean-Luc\Desktop\Divers\Penguins.ico
.ico file: C:\Users\Jean-Luc\Desktop\Divers\Penguins01.ico

The .ico file is located at the root level of data source.

16 x 16

32 x 32

48 x 48   256 x 256

Application - File

C:\Program Files\Adobe\Acrobat Reader DC\Reader\AcroRd32.exe

The executable file is not located into your data source.

☐ Clean up the executable   ☐ Cleanup the file

☐ Open the file with the above application

Creation of the autorun.inf file

[autorun]
label=Divers
icon=Penguins01.ico
open=C:\Program Files\Adobe\Acrobat Reader DC\Reader\AcroRd32.exe

Save   Close

Autorun creation utility

USB registries cleaning utility

Cleaning Register

Cleaning USB registers

HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\MountPoints2 : 280
HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\MountPoints2 : 25
255 entries cleared

HKEY_USERS\S-1-5-21-2530958889-3046532001-2750459234-1000\Software\Microsoft\Windows\CurrentVersion\Explorer\MountPoints2 : 6
HKEY_USERS\S-1-5-21-2530958889-3046532001-2750459234-1000\Software\Microsoft\Windows\CurrentVersion\Explorer\MountPoints2 : 6
0 entries cleared

DriveCleanup is running. Please, wait...

DriveCleanup V1.5.0 (Win32)

removing USB device 'USB\VID_058F&PID_6387\68&345D24&28&0&1'
OK
removing USB device 'USB\VID_058F&PID_6387\68&345D24&28&0&4'
OK
removing USB device 'USB\VID_04E8&PID_1F05\0000002CE39EA'
OK
removing USB device 'USB\VID_058F&PID_6387\78&71F4CD98&0&1'
OK
removing USB device 'USB\VID_058F&PID_6387\78&2BD965388&0&1'
OK
removing USB device 'USB\VID_058F&PID_6387\78&71F4CD98&0&2'
OK
removing USB device 'USB\VID_058F&PID_6387\78&2BD965388&0&2'
OK

☐ Test mode   Clean Register

USB registries cleaning utility

Minimum system requirement:
- Intel Dual-Core Processor , Windows 7, 2 GB RAM, at least one free PCIe slot,

Recommended configuration:
- Intel Quad-Core or more, Windows 7 to 10, 4 GB RAM or more, one or two PCIe slot(s),
- Screen resolution 1650 x 1080
- One free PCIe slot (Duplikey7 to 20), two free PCIe slot (Duplikey20 to 40).

Special 60 ports configuration:
- Intel i5 or i7, 6 to 8 GB RAM, 3 free PCIe slots, screen height at least 1080 pixels
  (display 40 lines + scrolling), 1500 pixels at least for 60 lines to be displayed

Available configurations:

Duplikey7 (7 ports)   Duplikey14 (14 ports)
Duplikey16 (16 ports)   Duplikey20 (20 ports, 1 or 2A per port)
Duplikey40 (40 ports, 1 or 2A per port)   Duplikey60 (60 ports, 1 or 2A per port)