



## Z-DATdump main window

### Context-sensitive help



A context sensitive help feature is available within Z-DATdump. If you need help with a dialog window or a specific program function, just press the F1 key and a help window is shown. Z-DATdump uses the Microsoft® HTML-based help system.

When starting the application, the Z-DATdump main window is shown. From this window, all actions, settings, backup and restore operations can be accessed.



### Quick selection buttons and status panel

These allow for quick access to the most important features of Z-DATdump. Note: If you move your mouse pointer over such a button and rest the cursor on the spot for a moment, a tooltip is shown which explains what the button is for.

Logfile

You can use log files to monitor what happened during a backup session.

Setup

This prepares the drive for use with Z-DATdump. It also allows you to compile up to 5 backup sets and configure them for the tape dump.

Streamer

This button lets you manage the drive and the tape. With the options in this sections, you can format your tape or check for functionality.

Help

Shows the Z-DATdump help.

Show

This shows you the contents of the medium and lets you choose single files or folders for restoration.

Check

Check tape contents.

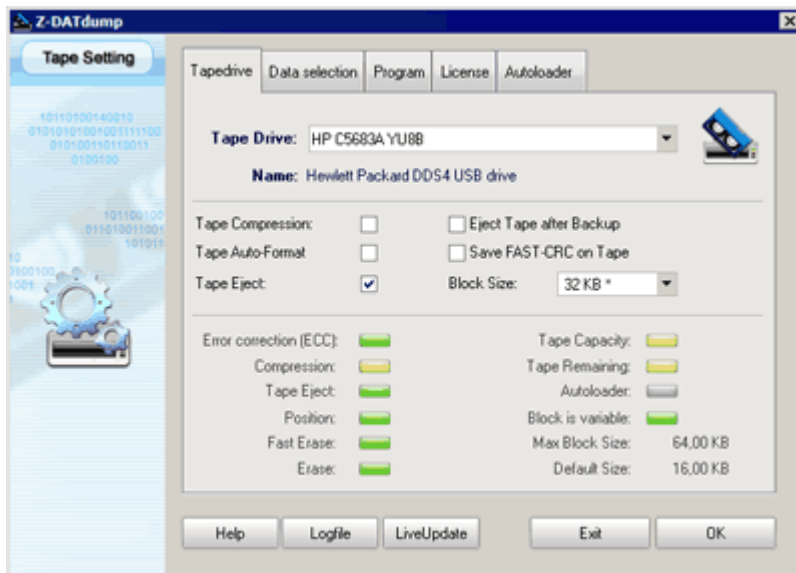
Restore

Complete restoration.

Dump

Starts backup.

Before the first DATdump can be run, you just need to tell the program which drive and tape it should use for the backup, which can be specified in the "settings" menu:



The settings can be saved, of course!

⚠️ You can use Z-DATdump to back-up your whole hard disk. However, you will **NOT** be able to restore an installed operating system. Use programs which create disk images for this!

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## Z-DATdump user manual

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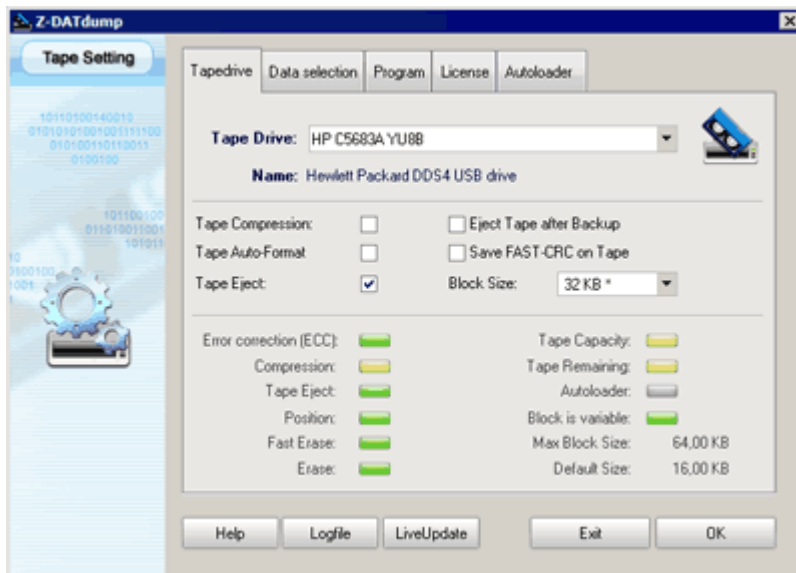
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Before the first DATdump can be run, you just need to tell the program which drive and tape it should use for the backup, which can be specified in the "settings" menu:



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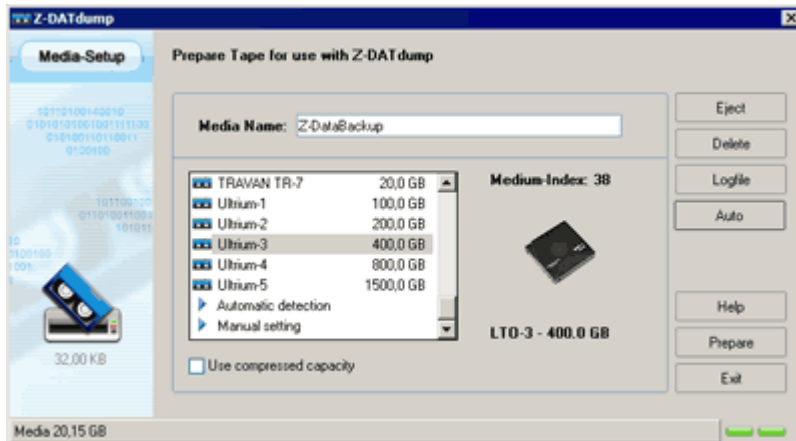


## Prepare Tape

Before you can run the data dump, you have to inform the program which medium it should save to using the "prepare drive/tape" menu. Not every drive supports automatical tape recognition. If the correct tape length is not automatically recognized by Z-DATdump, you have to manually select it from the list.

**⚠ Please note that tape manufacturers sometimes exaggerate the capacity of their tapes: They say how much compressed data fits onto a tape. However, Z-DATdump needs to know the actual net capacity!**

All statements about tape size refer to the net capacity of the medium!



With the "prepare" button, the medium info is written to the tape header; no formatting is needed. The tape specifications are automatically saved by Z-DATdump and are, for example, used by the tape-auto-format function to automatically prepare empty tapes.

**⚠ Warning: all data on the medium is deleted and cannot be recovered!**

### Manual tape size

If there is no predefined item for your medium, you can manually enter the tape size.

### Consider tape compression



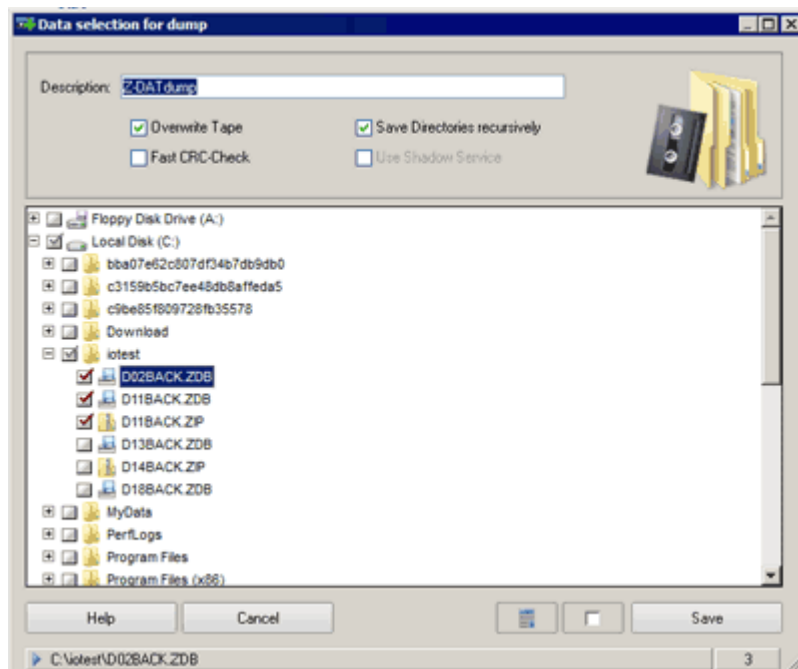
If you want to use the gross capacity (2:1 compression) of the medium, you can set this option. For this, your drive must support hardware compression and Z-DATdump must recognize it.

**⚠ The professional version of Z-DATdump can save a maximum of 384,000 or 2,000,000 files (depending on whether the file list is created in RAM or on the hard disc); i.e. even on a 3 TB tape you can only save 2,000,000 files. The free version saves at most 65,536 files with a total size of no more than 12 GB per tape.**



## Data selection for DATdump

All files and folders that you selected for automatic DATdump are shown in the file list.



### Description

Enter a meaningful description for your dump here. You can use up to 40 characters.

### Fast CRC-Check

If the saved data should be verified after back-up, activate this option. All files smaller than 5 MB are also verified with the CRC32 method.

### Overwrite Tape

If this option is activated, existing tape contents are overwritten. If this option is NOT activated, the new backup is appended to existing backups on the tape.

### Save Directories recursively

Includes all subdirectories of selected directories in the backup.

### Use Shadow Service

Creates a shadow copy prior to backup and copies all files from the shadow copy. This ensures consistent and complete backups with open and locked files.

**⚠ Z-VSScopy must be installed to use VSS. The Freeware Version can be used for a trial period of 14 days with the License Version of Z-DATdump.**

**⚠ Users of the Freeware Version of Z-DATdump can use the Freeware Version of Z-VSScopy without time limitations.**



Calculates the size of the chosen data and shows it in the lower right corner, so that you can always see how much storage space you already need.



This button clears the selection.



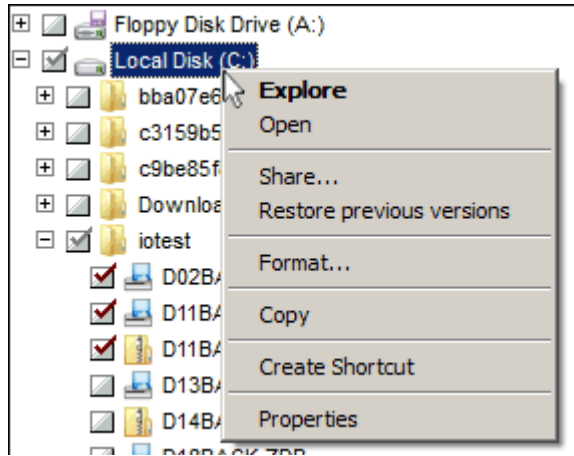
### Select items

To choose a single back-up item, just click on the checkbox in the list.



### Right click

Opens the context menu.



With the Properties menu item, you can view file attributes such as file size or access rights. "View" opens the directory in a new explorer window, "Open with" opens a file with an associated program. Once your selection is complete, assign a name and save your compilation.



**Please note that the free version is limited to a total back-up size of 12 GB.**

### Create file list

You can add files and folders into the file list by checking their tick boxes in the explorer window.

You can choose whether directories should be copied recursively (with subdirectories).

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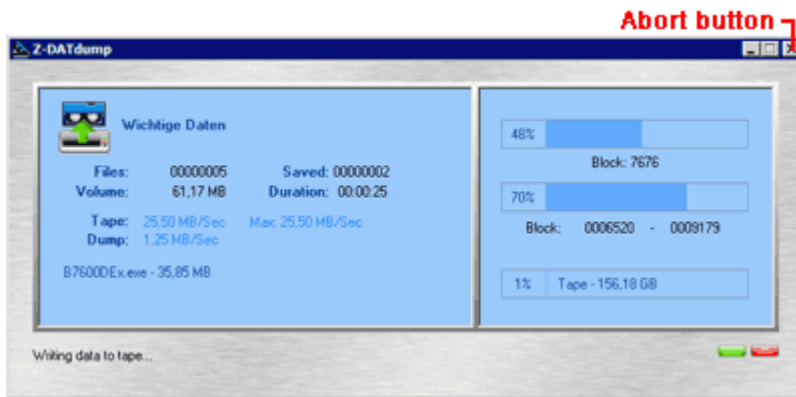
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## Back-up Dump

After you have set up a medium, you can start the back-up. The program will first compile the dump (list of files)



and commences to create the tape archive. The progress bars show the status of the process. You can abort it at any time by clicking the "Abort" button. After back-up, the program verifies the saved data, i.e. the tape is set to the start position and the data on the tape is checked for errors.

⚠ You can use Z-DATdump to back-up your whole hard disk. However, you will **NOT** be able to restore an installed operating system. Use programs which create disk images for this!

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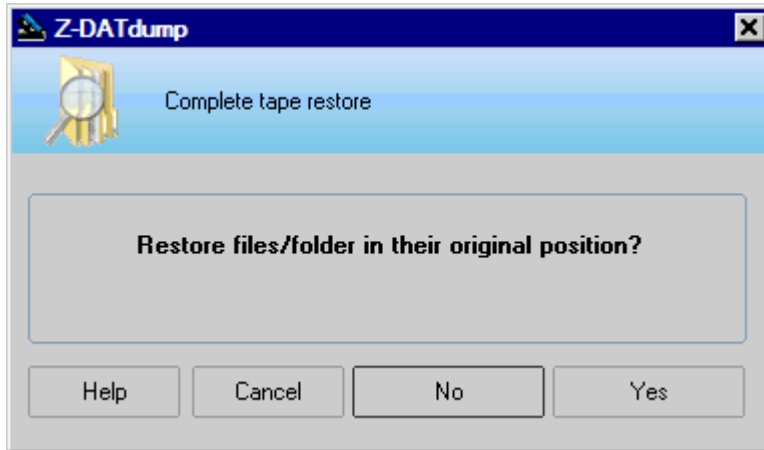
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## Z-DATdump restoration

The complete restoration of a tape dump can optionally take place to the original location or an other local drive and directory.

**⚠ If the files are restored to their original location, existing files on the hard disc are always overwritten, independent of whether they are older or newer!**



**Yes** The files are restored to their original location.

**No** Select drive and directory for restoration.

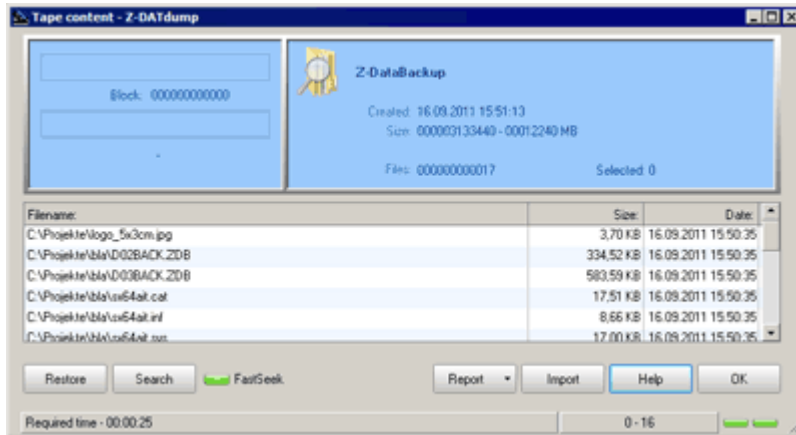
To restore the files to their original location, confirm the dialog with a click on the **Yes** button. If you want to select another target location, you can specify the desired drive and directory by clicking on the **No** button.

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## View Tape Contents

This window shows you the contents of your tape and allows you to restore one or more files. The restore system can either restore files to their original location or to any other location. It is possible to restore files to a different folder or to another drive.



## Selecting files


To choose a single backup item, just click on the relevant item in the list. To choose a region of files, select the first item of your choice first. Then, press and hold the **Shift** key and select the last item of your desired selection.

**Multiple non-adjacent files:** Select the first item of your choice in the file list. Then, press and hold the **CTRL** key and select the other desired files.

The number of selected files and the required disk space is shown in the status bar. File selection is also possible with the search function.

## Restoring single files

After selecting one or more files for restore, you can start the restore by clicking the restore button.

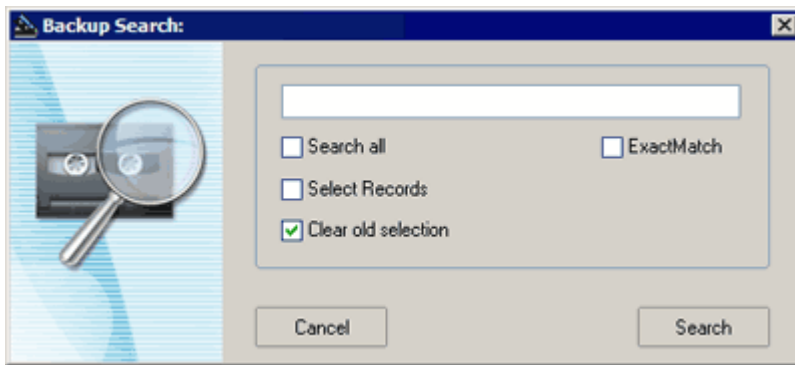
 The function to restore single files cannot be used in the free version. Please use the restore function in the main window.

## Report

About the Report button, the tape contents will be printed as a table of contents or exported to ASCII, XML or Excel format.

## Find file in dump

Z-DATdump lets you easily search for files in the tape dump. Found entries are being selected and can easily be chosen for restore.



You can search for full filenames or parts of filenames. DOS wildcards are not supported.

**Search all**

If this option is activated, the whole backup is searched.

**Select Records**

If this option is activated, the search results are automatically selected.

**Clear old selection**

If one or more items are already selected, the selection is cleared before the search.

**ExactMatch**

If this option is activated, the search uses only the exact spelling as given in the text field.

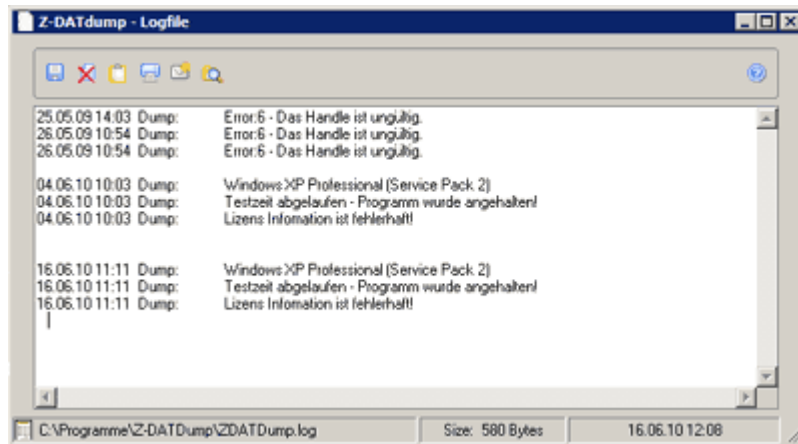
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## View log files

Z-DATdump creates a log file to record all backup and restore processes. The file can be found in the program directory in the "Logbook" folder.



The log files enable you to understand what happened during a backup, even if it was scheduled with the Windows-integrated task scheduler or Z-Cron. The file should be deleted from time to time.



Logfile save



Logfile delete



Logfile copy to the clipboard



Logfile print



Logfile as e-mail send



Show logfile in the explorer



Help



Please **regularly** check the function and completeness of the backup!

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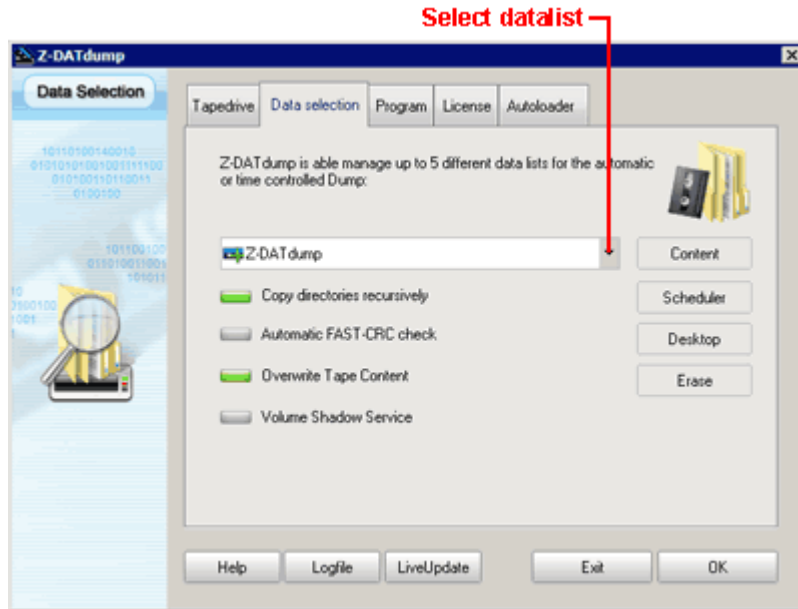
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## Z-DATdump data selection

### Select dump folder

This window lets you create up to five file lists. These file lists can automatically be backed up using a desktop icon or scheduler.



Content

Create / edit.

Scheduler

Create a schedule with Z-Cron.

Desktop

Create an icon on the desktop.

Erase

Delete file list.

### Create a schedule with Z-Cron

You can create a schedule for a file list using [Z-Cron](#), which allows for a very flexible scheduling which in practice leaves nothing to be desired. Configuration of the scheduler, if installed, takes place after a click on the button.

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## Backup methods

### Daily backup

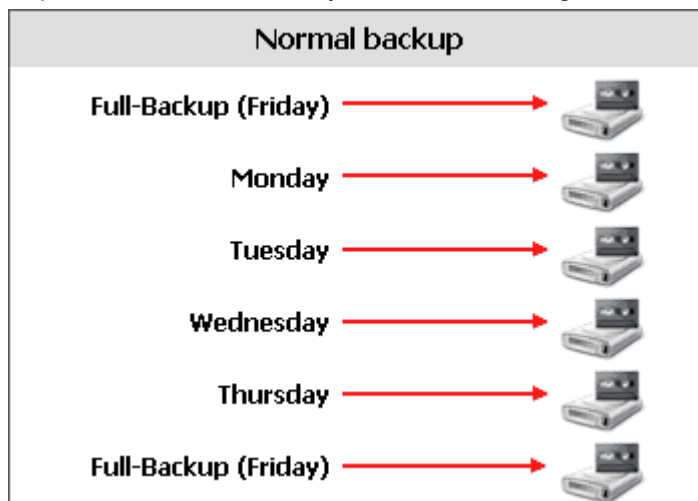
- *Suggestion:* Label 4 tapes with "Monday", "Tuesday", "Wednesday", "Thursday"
- Label 4 tapes with "Friday 1", "Friday 2", "Friday 3", "Friday 4"

MON	TUE	WED	THU	Friday 1
MON	TUE	WED	THU	Friday 2
MON	TUE	WED	THU	Friday 3
MON	TUE	WED	THU	Friday 4

- The tapes MON - THU are overwritten in the following week, the Friday tapes only every 4 weeks. This allows you to access the data from one whole month.
- You should always back up all data if the tape size is sufficient.

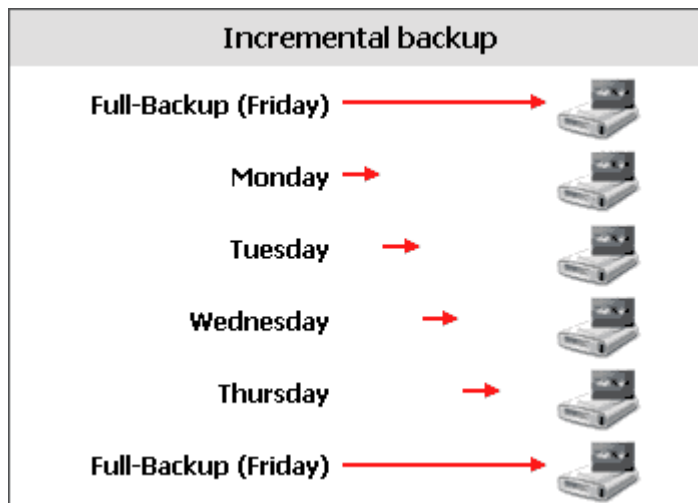
### Normal backup (complete backup)

This is a copy backup, but additionally the archive attribute is reset/deactivated. You only need the most recent tape medium to restore all your files when using this backup method.



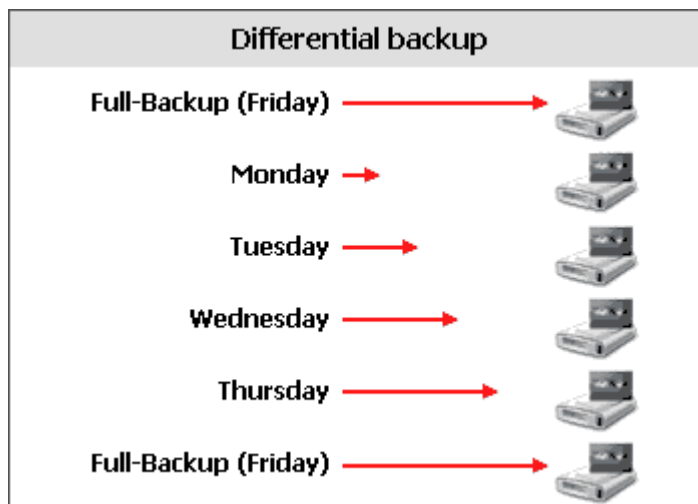
### Incremental backup

An incremental backup only saves the files that have been created or changed since the last complete backup. The saved files are marked as such (i.e. the archive attribute is deactivated). When using incremental backups, it is necessary to have the last complete backup and all incremental backups at hand to restore files and folders.



### Differential backup

At each differential backup, the data that has changed since the last complete backup. If you use differential backups, the latest complete backup and the most recent differential backup must be available.







## Z-DATdump command-line parameters

Via command-line parameters it is possible to change default program values or enable batch processing of back-ups. The parameters must be entered after the program name, each separated by spaces.

### **-b #**

Loads dump list # and starts back-up. The program exits after back-up succeeds. Examples:

```
...\Z-DATdump\ZDATdump.exe -b 1  
...\Z-DATdump\ZDATdump.exe -b 5 -append
```

### **-down**

Computer is shut down after back-up. Example:

```
...\Z-DATdump\ZDATdump.exe -b 5 -down
```

### **-hiber**

Computer is hibernated after back-up. Examples:

```
...\Z-DATdump\ZDATdump.exe -b 1 -hiber  
...\Z-DATdump\ZDATdump.exe -b 5 -hiber
```

### **-hide**

Program window is not shown. Example:

```
...\Z-DATdump\ZDATdump.exe -b 1 -hide
```

### **-endeject**

The medium is ejected from the drive after back-up. Example:

```
...\Z-DATdump\ZDATdump.exe -b 1 -endeject
```

### **-endejectoff**

Overrides global setting to eject medium. Medium is not ejected after dump. Example:

```
...\Z-DATdump\ZDATdump.exe -b 1 -endejectoff
```

### **-compon**

Enable hardware compression of tape drive (if available). Example:

```
...\Z-DATdump\ZDATdump.exe -b 1 -compon
```

### **-compoff**

Disable hardware compression of tape drive. Example:

```
...\Z-DATdump\ZDATdump.exe -b 1 -compoff
```

### **-prepare**

Enable tape auto-format function of Z-DATdump. Example:

```
...\Z-DATdump\ZDATdump.exe -b 1 -prepare
```

**-fastcrc**

FAST-CRC check after dump. Example:

```
...\Z-DATdump\ZDATdump.exe -b 1 -fastcrc
```

**-fastcrcoff**

Overrides global setting and disables FAST-CRC check. Example:

```
...\Z-DATdump\ZDATdump.exe -b 1 -fastcrcoff
```

**-inkr**

Incremental back-up. Example:

```
...\Z-DATdump\ZDATdump.exe -b 1 -inkr
```

**-diff**

Differential back-up. Example:

```
...\Z-DATdump\ZDATdump.exe -b 1 -diff
```

**-noaclear**

At any tape backup, the archive bit (also archive attribute) of files deleted on the band. This option is turned off this function. This parameter **-incr** will disable this feature in principle. Example:

```
...\Z-DATdump\ZDATdump.exe -b 1 -noaclear
```

**-zerook**

An empty dump does not trigger an error message. Examples:

```
...\Z-DATdump\ZDATdump.exe -b 1 -inkr -zerook
```

```
...\Z-DATdump\ZDATdump.exe -b 1 -diff -zerook
```

## Copy folder to tape

**-v** *foldername*

Copy folder *foldername* to tape. Example:

```
...\Z-DATdump\ZDATdump.exe -v c:\backup
```

**-mask** *filemask*

Use a mask to impose restrictions on filenames being copied. Examples:

```
...\Z-DATdump\ZDATdump.exe -v c:\backup -mask *.zip
```

```
...\Z-DATdump\ZDATdump.exe -v c:\backup -mask *.zdb
```

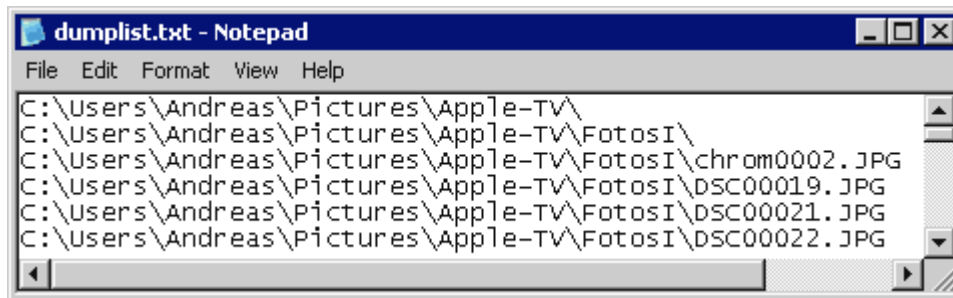
## Copy files in file list to tape

A self-defined file list can be specified for back-up. Z-DATdump uses a simple text file (UTF-8 or ASCII). Each line contains one file or folder name. The list can be created with Windows Notepad, for example.

### **-f** *filename*

Load file list and copy contents to tape. The program exits after back-up. Example:

...\Z-DATdump\ZDATdump.exe -f dumplist.txt



Load file list and append contents to existing back-up. The program exits after back-up. Example:

...\Z-DATdump\ZDATdump.exe -f dumplist.txt -append

### **-nodirent**

Only folder names are copied to the medium; the contents of the folders are not saved. Example:

...\Z-DATdump\ZDATdump.exe -f filelist.txt -nodirent

### **-emptydir**

Empty files and folders are copied to tape. Example:

...\Z-DATdump\ZDATdump.exe -f filelist.txt -emptydir

## Restore selected files

A self-defined file list can be specified for restoration. Z-DATdump uses a simple text file (UTF-8 or ASCII). Each line contains one file or folder name. The list can be created with Windows Notepad, for example. Z-DATdump uses the index file from the hard disk for restoration. If no index file exists, it is created prior to restoration. The data is restored to its original location, existing files will be overwritten.

### **-getdata** *filename*

Load file list and restore contents. The program exits after restoration. Example:

...\Z-DATdump\ZDATdump.exe -getdata fileliste.txt

### **-backdir** *directory*

Restore data to given directory. Example:

...\Z-DATdump\ZDATdump.exe -getdata fileliste.txt -backdir c:\sicherung

### **-nameonly**

Files are restored without folder names. Example:

```
...\Z-DATdump\ZDATdump.exe -getdata fileliste.txt -backdir c:\sicherung -nameonly
```

### **-stripdir**

Files are restored without first folder name. Example:

```
...\Z-DATdump\ZDATdump.exe -getdata fileliste.txt -backdir c:\sicherung -stripdir
```

## **Restore single file from tape**

### **-getfile** *filename*

Z-DATdump uses the index file from the hard disk for restoration. If no index file exists, it is created prior to restoration. The data is restored to its original location, existing files will be overwritten.

```
...\Z-DATdump\ZDATdump.exe -getfile c:\data\mypic.jpg
```

To enter names containing spaces, use double quotes. Example:

```
...\Z-DATdump\ZDATdump.exe -getfile "c:\old data\mypic.jpg" <
```

You can search for full file names or parts of filenames. DOS wildcards are not supported. Example:

```
...\Z-DATdump\ZDATdump.exe -getfile *mypic.jpg
```

Program window is not shown. Example:

```
...\Z-DATdump\ZDATdump.exe -hide -getfile *mypic.jpg
```

### **-backdir** *directory*

Restore data to given directory. If the directory doesn't exist, Z-DATdump will create it. Example:

```
...\Z-DATdump\ZDATdump.exe -getfile *mypic.jpg -backdir c:\myrestore
```

### **-nameonly**

Restore data to given directory. Example:

```
...\Z-DATdump\ZDATdump.exe -getfile *mypic.jpg -backdir c:\myrestore -nameonly
```

### **-stripdir**

Files are restored without first folder name. Example:

```
...\Z-DATdump\ZDATdump.exe -getdata fileliste.txt -backdir c:\sicherung -stripdir
```

## **Invoke Z-DATdump program functions**

### **-restore**

Invokes the dialog window for restoration. Example:

...\Z-DATdump\ZDATdump.exe -restore

**-show**

Invokes the dialog window that shows directory contents. Example:

...\Z-DATdump\ZDATdump.exe -show

**-dumpcheck**

Invokes the dialog window for verifying the first tape dump. Example:

...\Z-DATdump\ZDATdump.exe -dumpcheck

Verify the complete back-up. Example:

...\Z-DATdump\ZDATdump.exe -dumpcheck -append

**-setup**

Invokes the dialog window for program settings. Example:

...\Z-DATdump\ZDATdump.exe -setup

**-softerase *tapename***

Delete tape named *tapename*. Example:

...\Z-DATdump\ZDATdump.exe -softerase Monday

**-isload *tapename***

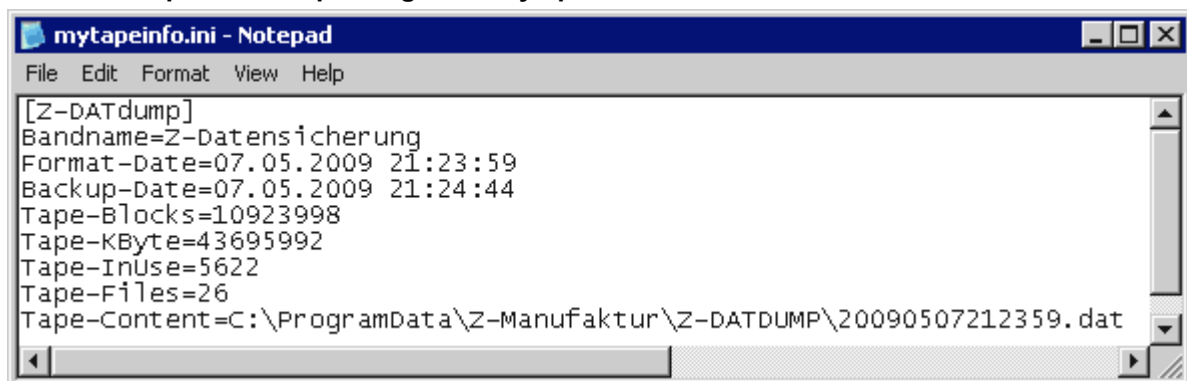
Check for tape named *tapename* in drive. If tape is in drive, the return code is 0. Example:

...\Z-DATdump\ZDATdump.exe -isload Monday

**-getinfo *filename.ini***

The tape identifier (FAT) is read and saved to the INI file *filename.ini*. The information can be extracted using the Windows API function *GetProfileString*. Example:

...\Z-DATdump\ZDATdump.exe -getinfo mytapeinfo.ini



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## Hardware device driver

Suitable device drivers have to be correctly installed so that built-in or connected tape drives work correctly and flawlessly with Z-DATdump!

A normal Windows installation already contains some drivers for tape drives, so that at least some drives are recognized, but the correct drivers are not always present, which may cause performance losses and faulty operation of Z-DATdump. It may also happen that some tape drives are not recognized by Windows, in this case they are also not shown in Z-DATdump.

**⚠ Unfortunately, Windows (especially Vista and Server 2008) does often not install the optimal drivers for your tape drive!**

You should not rely on the otherwise good Windows hardware recognition for your tape drives and always install the drivers from the manufacturer's installation CD. If you don't have an installation CD or it is out of date, you should try to download a current driver or installation package from the web site of your drive's manufacturer:

Type	Manufacturer	URL
AIT	Sony	<a href="#">Manuals, drivers and firmware</a>
DLT	Tandberg DATA	<a href="#">Manuals, drivers and firmware</a>
LTO	Tandberg DATA	<a href="#">Manuals, drivers and firmware</a>
DAT	Hewlett Packard	<a href="#">Manuals, drivers and firmware</a>
DLT	Hewlett Packard	<a href="#">Manuals, drivers and firmware</a>
AIT	Hewlett Packard	<a href="#">Manuals, drivers and firmware</a>
DLT-V 4	Quantum	<a href="#">Manuals, drivers and firmware</a>
all	Quantum	<a href="#">Manuals, drivers and firmware</a>

We have tested Z-DATdump with many tape drives and also have them ready in our testing environment to test updates. We have always obtained the best results with the original drivers from the equipment manufacturer.

**⚠ Note: Some manufacturers of tape backup software install their own drivers, which cannot be used by Z-DATdump, of course. If you already have a tape software installed, you also have to verify the driver installation.**

### VXA Exabyte and QIC-157 drivers

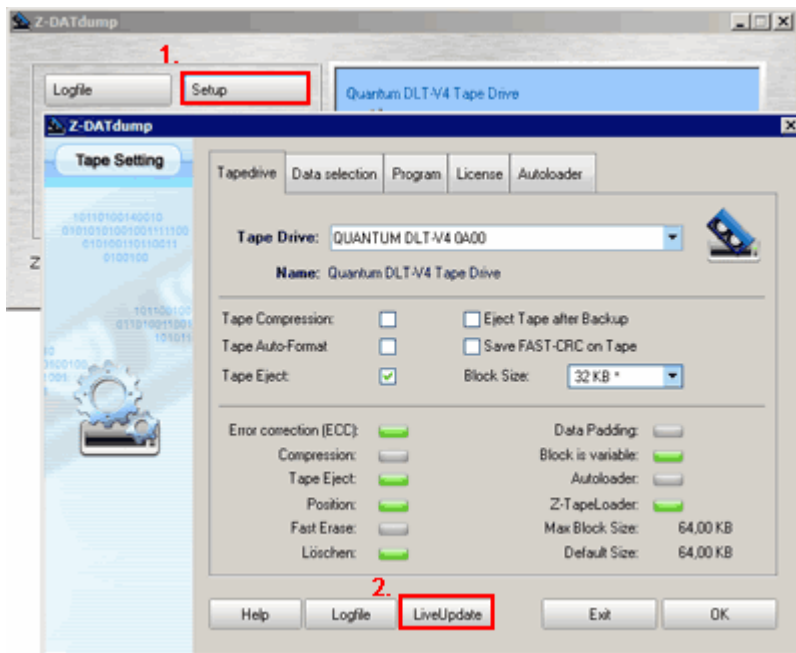
On some systems, Windows by default installs a QIC-157 driver for VXA Exabyte drives and autoloaders. This combination does not work with Z-DATdump. You definitely need to install the driver from the manufacturer.



## Z-DATdump LiveUpdate

We continually work on our software products to further develop and optimize them and adjust them to new computer technologies. We also fix software bugs during this process. The LiveUpdate feature allows you to quickly look for updates in regular intervals. When you download an update, the installation will begin automatically.

We recommend to use LiveUpdate regularly, because bugs are fixed in the updates and new features are added to the software.



Z-DATdump users can make the software up to date with LiveUpdate. It is important that you do not manually download a new version from our website, because installing it would downgrade your Z-DATdump to the free standard version.

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## What's new?

### Version 5.0.0 from 16/9/2011

Major update with substantial improvements and optimizations.

Z-DATdump was originally developed as an add-on module for our professional backup software Z-DBackup. Once installed, the program runs in the background for most users, without any user interaction.

For our users who use Z-DATdump as a stand-alone application, we have updated the program interface and the user controls.

In the manual selection for a tape dump, you can now select single files and/or several directories. If necessary, the selected data is split among multiple tapes (max. 10). It is important, however, that no single file exceeds the capacity of one tape.

Splitting very large files to multiple tapes will be implemented with one of the next updates.

All Z-DATdump functions which use Windows Explorer were removed from the program and substituted with newly written routines. The user interface for file selections can be a little slower, but now even very large directory structures are displayed reliably.

The current version contains adjustments for use on a Windows Server 2008 Core which does not usually have the normal Windows Explorer.

In addition to the throughput-display in MB/s which refers to the time for the whole backup, the new version also displays the current tape speed during the backup and stores it in the log file.

The new interface to Z-VSScopy makes it possible to back up files and directories from a volume shadow copy. The needed shadow copy is automatically created. Thus, open and locked files and applications can now be saved easily and reliably while they are running.

The automatical CRC-check of the latest attached backup was improved. Z-DATdump's FastSeek feature is now also available for most Ultrium, LTO-3, LTO-4, and LTO-5 drives. This feature allows the user to quickly select single files from a backup and restore them. To use this feature, the backup must have been created with Z-DATdump 4.8 or newer.

The backup size limitation of the Freeware Version of 4096 MB was increased to 12 GB which corresponds to the capacity of a DDS-3 tape.

- ◆ New Z-TapeInfo.exe because of Trojan Hoax from PC Tools
- ◆ Adjustments for Server 2008 R2
- ◆ DAD Mode for tape drives
- ◆ Adjustments for LTO-5 / Ultrium Laufwerke
- ◆ Interface Z-VSScopy
- ◆ Bugfix Data Execution Prevention Mode (DEP)
- ◆ Bugfix Server 2003 Recognition
- ◆ Bugfix Automatic check

### Version 4.6.0

Minor update with some improvements and optimizations.

- ◆ Improvements for use with Z-DBackup (Backup Software)
- ◆ New parameter -noaclear (Archive bit doesn't delete)
- ◆ The display of the tape contents will be read by the index from the HD

### **Version 4.5.0**

Minor update with some improvements and optimizations.

- ◆ Improvements for use with Z-DBackup (Backup Software)

### **Version 4.2.0**

Major update with some improvements and optimizations. The update to version 4.0 is free and can be installed with the the LiveUpdate.

For a new installation, however, a new registration key is needed, i.e. the registration data from version 3.xx cannot be used for an upgrade to version 4.0!

- ◆ Improvements for use with Z-DBackup (Backup Software)
- ◆ New commandline parameter for drive selection
- ◆ Improved licensing system
- ◆ Possibility to print and export the tape contents
- ◆ Bugfix PowerSave Modus
- ◆ Bugfix Use HD for filelist
- ◆ Bugfix Infinite backup loop with defective files

### **Version 3.6.0**

Minor update with some improvements and optimizations. Details of locked, exclusively opened and currently used files are no longer written to the tape and Z-DATdump skips the affected files. The tape backup is still marked as an error and an entry is created in the log file. With Z-OpenLock, Z-DATdump can be expanded to also backup any open and used files.

### **Version 3.2.0**

Recognition of the tape hardware was improved.

The configuration files of Z-DATdump were improved. This allows for using different tape drives. After the update, the program settings have to be reconfigured and saved.

If the option "Tape auto-format" is used, you should definitely prepare a new tape after the update to version 3.1!

The new version now also supports the complete erasure of tapes using the hardware feature of the streamer (if present). The prompt/selection is done before deletion. Attention: the complete erasure can take 40-90 minutes depending on the medium!

File list creation and the calculation of CRC check sums was improved.

### **Version 3.0.0**

Major update with some improvements and optimizations. In the current version, backups can be continued, i.e. appended to an existing dump.

The command line interface was improved and extended with several options. This allows for a better integration into pre-existing backup strategies including your own backup scripts. There are new commands for the restoration of single files and the output of tape information using the command-line.

The file limit per dump can be increased from 384.000 to 2.000.000 in the professional version. To switch, deactivate the option "Create list of files in memory" in the program setup. If this option is deactivated, the list of files for backup is temporarily saved on the hard disk.

Note: The main field of application for Z-DATdump is the revision-safe archiving of backup-archives created with Z-DBBackup, i.e. Z-DATdump is conceptually not a stand-alone backup software.

- ◆ Improvements for use Z-DBBackup
- ◆ Improvements in the Tape loader


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## Z-DATdump Program Info

The backup of data to tape has a long tradition in the IT sector and has still not been obsoleted by any other technology in the area of professional data backups. DAT tape drives are among the most widely used backup devices in the world. The 4 mm DAT tape drives from HP are especially popular.

Z-DATdump copies complete directories, for transport, backup (recursive/incremental) or archiving to QIC/MLR or DAT tape drives. The program features an easy to use interface and can also be controlled via command-line parameters. That allows for a time-controlled copy using the windows built-in task scheduler or Z-Cron. Z-DATdump was developed to be an add-on for Z-DBackup but can also be used as a stand-alone tape dump application.

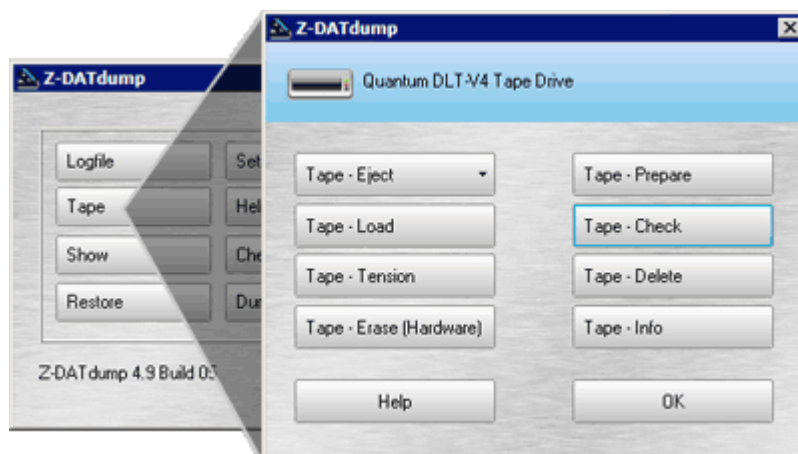
 You can use Z-DATdump to back-up your whole hard disk. However, you will **NOT** be able to restore an installed operating system. Use programs which create disk images for this!

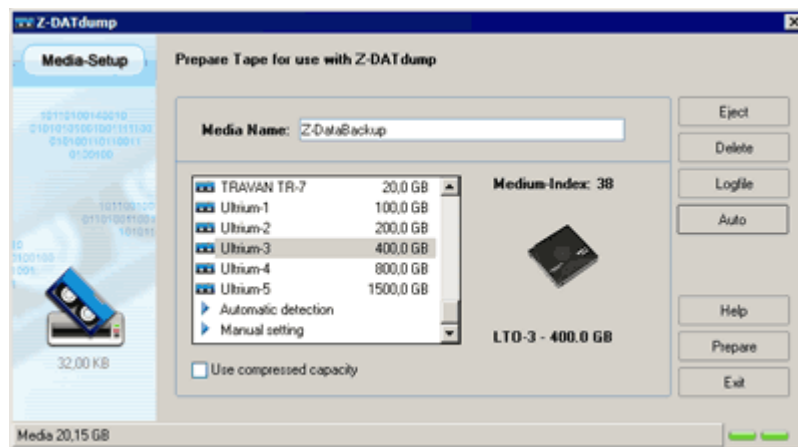
### Brief description

When starting the application, the Z-DATdump main window is shown. From this window, all actions, settings, backup and restore operations can be accessed.

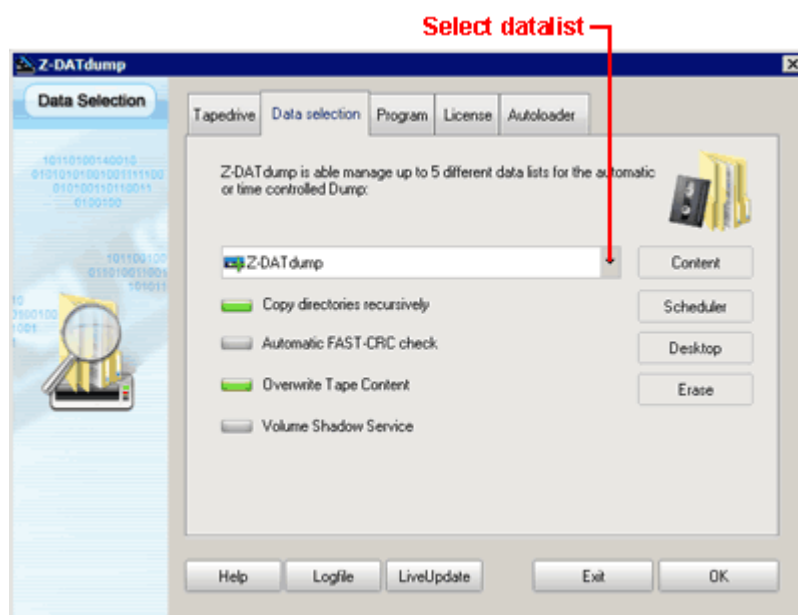


Before you can run the data dump, you have to inform the program which medium it should save to using the "prepare drive/tape" menu:

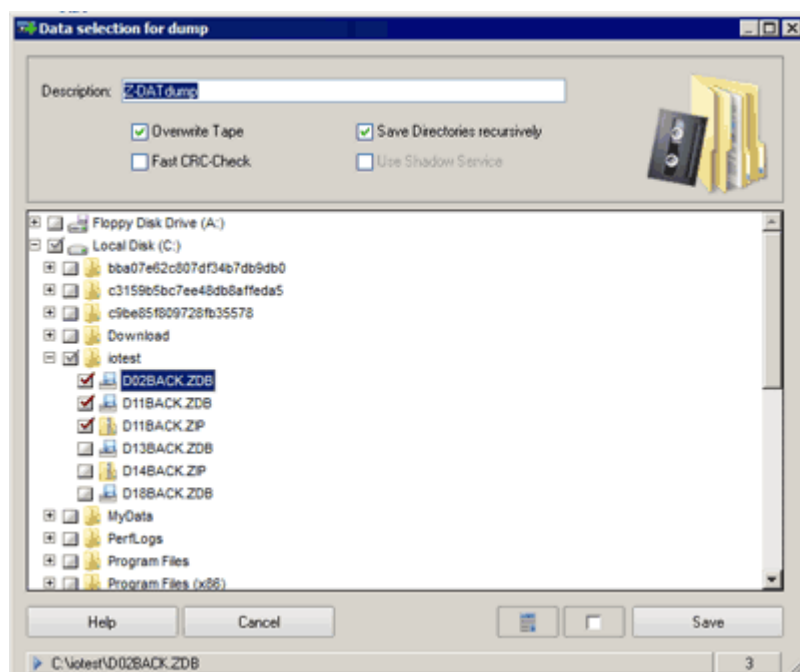




The info is written to the tape header, no formatting is required. The directories for DATdump can now be selected:



In the free standard version of the software, you can backup at most 5 directories up to a total size of 12 GB, optionally recursively/incrementally. The dump can be run manually or with a schedule using the Windows-integrated task scheduler or [Z-Cron](#) :



## Hardware

Z-DATdump writes to tape media following the ASPI guidelines using the SPTI standards (SCSI PASS-THROUGH INTERFACE). The program works with all established tape drives (IDE, SCSI, USB und S-ATA) manufactured from the year 2000 on. The program was tested with drives from the following manufacturers:



HP-USB 72



HP-LTO 3



Sony-AIT 4

## Program features

Even the free standard version of Z-DATdump offers many options and settings and is an ideal archiving tool/backup program for private users:

**⚠ Z-DATdump was developed to copy backup archives created with Z-DBackup to tape drives. It can also be used to back up single files, but alternate NTFS data streams are not included in the backup.**

Function	Freeware Version	License Version
Backup sets	5	5
Maximum number of files to back up	65,536	2,000,000
Maximum transfer volume	12 GB	dependant on the medium
Data archival on TRAVAN/DAT/MLR/DLT/SLR/QIC/LTO/AIT/VXA/DDS	●	●
Restore of single files		●

Scheduling	<a href="#">Module or task scheduler</a>	<a href="#">Module or task scheduler</a>
Server mode ( 2000 / 2003 / 2008 / 2010 / 2011 )		Z-DATdump Server
System recovery		
Multi spanning file selection	●	●
Index of tape contents	●	●
Include file information in backup		●
Include alternate NTFS data streams in backup		
Fast CRC check	●	●
Virus self-test	●	●
Automatic shutdown	●	●
Automatic data verification		●

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## End User Licence Agreement - Z-DATdump

### **The free standard version of the software is offered under the following terms and conditions:**

The subject of this contract is the program "Z-DATdump" by Andreas Baumann including all program descriptions and user manuals. They will be called "software" in the following.

I wish to inform you that in the current state of the art it is impossible to create computer software in a way so that it will run error-free in all possible combinations and environments. The subject of this contract is therefore only a software which is generally useful as noted in of the program descriptions and user manuals. All statements on my web site or in the attached program documentations regarding the range of features of our software are only general information and no guaranteed properties.

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- 
- The general terms and conditions by Andreas Baumann apply. Terms and conditions of the customer do not apply. Andreas Baumann explicitly contradicts their inclusion as far as no individual inclusion was agreed upon between the parties.

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Z-DBackup	Server	 	€77.00	<a href="#">Order Now</a>	
Z-Cron	Workstation	  	€27.00	<a href="#">Order Now</a>	
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Z-DATdump	Server	 	€52.00	<a href="#">Order Now</a>	
Z-TapeLoader	Workst./Server	 	€72.00	<a href="#">Order Now</a>	
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Z-DBackup / Z-OpenLock /  
Z-Cron

Workstation



€76.00

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Z-DBackup / Z-OpenLock /  
Z-DATdump

Workstation



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Z-Cron / Z-DATdump

Server



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Z-DBackup / Z-DATdump /  
Z-TapeLoader

Server



€181.00

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### Z-DBackup Server

#### Complete Library

Z-DBackup / Z-OpenLock /  
Z-Cron /  
Z-DATdump / Z-TapeLoader

Server



€211.00

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Z-DBackup	Server		€77.00	<a href="#">Order Now</a>	<a href="#">!</a>
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Z-DATdump	Professional		€32.00	<a href="#">Order Now</a>	<a href="#">!</a>
Z-DATdump	Server		€52.00	<a href="#">Order Now</a>	<a href="#">!</a>

<b>Z-TapeLoader</b>	Workst./Server	 	€72.00	<a href="#">Order Now</a>	
<b>Z-DataDVD</b>	Workst./Server	 	€32.00	<a href="#">Order Now</a>	
<b>Z-FTPcopyII</b>	Workst./Server	 	€22.00	<a href="#">Order Now</a>	
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