

# Manual for HJSplit for Windows

This manual is created using



TreePad Business Edition



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**License for usage:** HJSplit is freeware for personal and corporate use.

**License for distribution:** feel free to include HJSplit on your download sites and shareware/freeware CD-Roms as long as you do not alter the .zip package in any way. You are also not allowed to ask any money for the HJSplit program itself, since the program is freeware.

Supported platforms: Windows 95, 98, ME, NT 4.0, XP, 2000 and 2003.

HJSplit home page: [www.freebyte.com/hjsplit](http://www.freebyte.com/hjsplit)

Freebyte home page: [www.freebyte.com](http://www.freebyte.com)

## This manual

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TreePad Business Edition

### **Online version of this manual:**

An online (HTML) version of this manual can be found on:

[www.freebyte.com/hjsplit/manual](http://www.freebyte.com/hjsplit/manual)

### **Downloadable version of this manual:**

This manual is can also be downloaded from the HJSplit home page in TreePad format

### **Free reader program**

The freeware program TreePad Viewer enables you to read this version manual offline (without being connected to the Internet).

You can download the free TreePad Viewer from here: [www.treepad.com/download/#tpview](http://www.treepad.com/download/#tpview)

### **Tree icons**

courtesy of [www.iconfreedownload.com](http://www.iconfreedownload.com)

## **HJSplit: general information**

Description

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License, usage and copyright

About HJSplit

## HJSplit program description

HJSplit is a program that can split a file of any type and size into smaller parts. It can also join these parts back together again to restore the original file.

What is the use of a program like HJSplit? Think of a file of 20 Mb, and try to send it to a friend in one go. Using email this does not succeed, it is simply too large, and how to put it onto a floppy? HJSplit will enable you to split the large file into smaller chunks, which can be much more easily sent and stored.

HJSplit can also assist you in creating backups of very large (multi-gigabyte) files. Just split a 10 Gb file into smaller 640 Mb parts, and burn them to CD's using standard CD-writing software.

Restoring these files can be done using HJSplit as well, using the 'join' function. Alternatively, you can use HJJoin for this, which is a tiny and specialized program for joining files.

HJSplit is very reliable, simple, small and easy to use. It does not need any installation or complicated DLLs, it just consists of one '.exe' file. This means that you can also run it directly from a floppy or CD-Rom as well.

## HJSplit on the Web

HJSplit home page: [www.freebyte.com/hjsplit](http://www.freebyte.com/hjsplit)

## Newsletter

To keep informed on new versions, upgrades, etc. you can join our Newsletter on [www.freebyte.com/newsletter](http://www.freebyte.com/newsletter)

## License, usage and copyright

### **Distribution**

You can distribute this program, freely and without charge (onto CD-Roms, Websites, bulletin boards, etc.) provided that you do not change the program or the zip file in any way, that the program is clearly freeware or shareware,

### **Usage**

You can use HJSplit in any commercial or non-commercial setting. You can distribute files created with HJSplit without any limitations, for commercial and non-commercial purposes.

### **Copyright**

Copyright 1995-2003, Freebyte, <http://www.freebyte.com>

## About HJSplit

The original HJSplit idea, HJ-Join, the Windows 95/98/ME/NT/2000/XP, Windows 3 versions and HJSplit PRO are created by Henk Hagedoorn, Freebyte, [www.freebyte.com](http://www.freebyte.com)

Credits for the other versions (Java, MAC, Linux, Amiga) can be found on [www.freebyte.com/hjsplit](http://www.freebyte.com/hjsplit)

The HJSplit versions for Windows are created using Borland Delphi



## HJSplit: getting started

HJSplit is a very simple program to use. Many users will be able to use HJSplit without consulting this manual.

Installation

HJSplit Main screen

How to join a file

How to split a file

How to generate a checksum

Comparing files

HJJoin

## Zero installation

HJSplit does not need to be installed: you can directly run HJSplit by double-clicking HJSplit.exe.

## HJSplit main screen



When you start the program by double-clicking on hjsplit.exe in the Windows Explorer, you will see HJSplit's main screen.

The HJSplit main screen gives access to all of HJSplit's features:

1. When you want to split a file into smaller chunks, please click on the 'split' button. This opens the split screen.
2. To combine set of split-files for restoring the original (pre-split) file, click on the 'join' button. This opens the join screen.
3. To check whether or not two files are equal, press the 'compare button'. This opens the file compare screen.
4. To generate a checksum from one or more files, click the checksum button.
5. The 'about button' displays general information on the program
6. The 'exit button' will close the program.
7. Clicking on the link directly below the program title on the top will open the HJSplit home page.

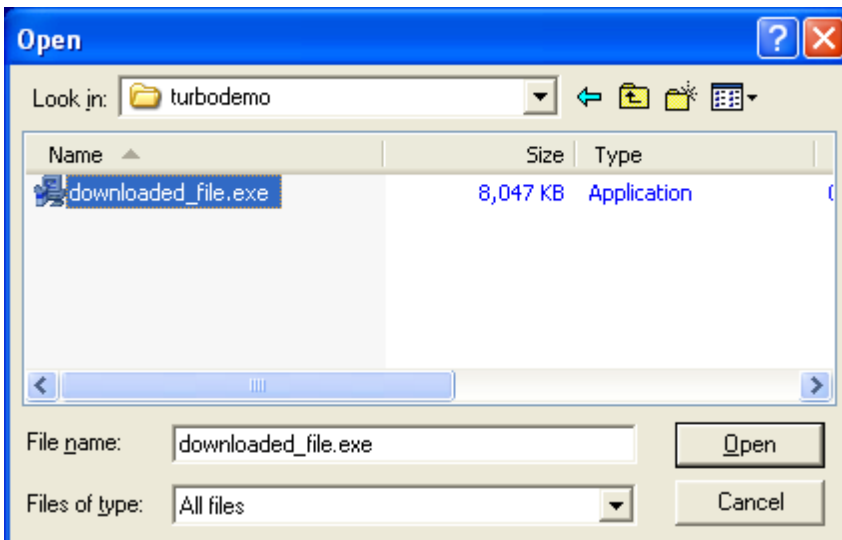
## How to split a file

After clicking on the 'Split' button in the main HJSplit window, you will see the following screen:



To split a file, just perform the steps indicated below.

(1) click on the button 'Input file', which will open the dialog shown below:

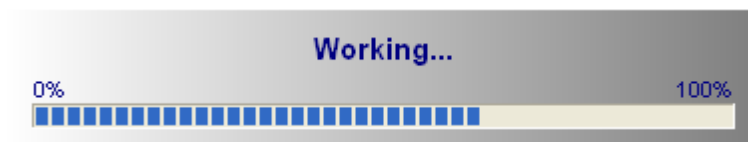


(2) In this dialog, select the file you want to split. Press 'Open'.

(3) The name and path of the file you just selected will appear in the 'input file' box, please see below:



(4) Press the 'start' button in the screen above. HJSplit now shows a progressbar with the title 'working'.



(5) Finally, you will see the message that splitting is completed:



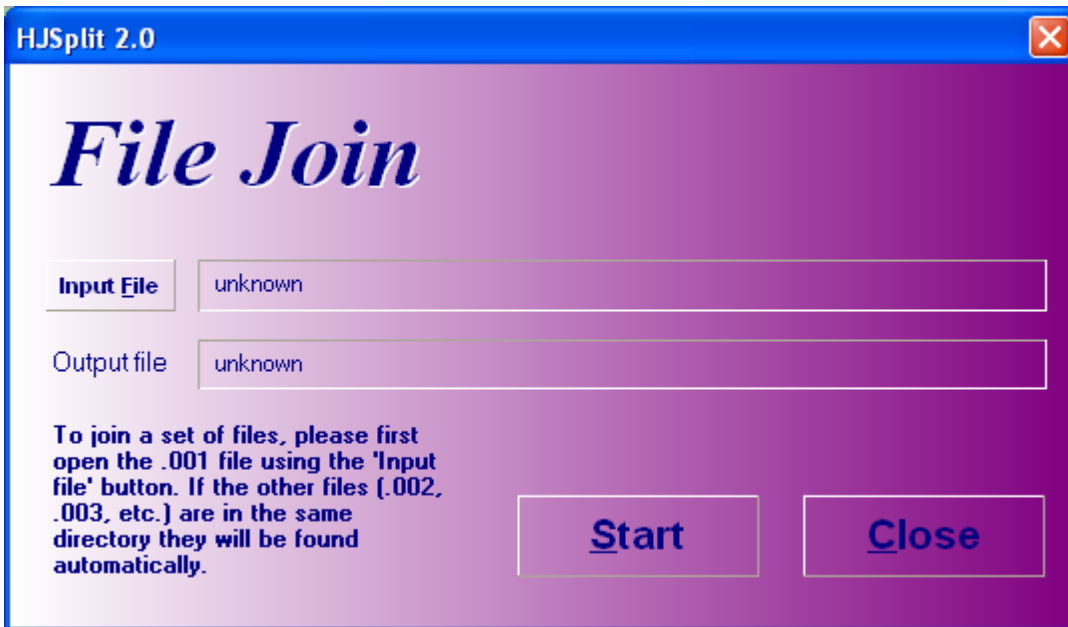
The final result is a **set of split files in the same folder** as the file you selected in step 2.

## How to join a file

With HJSplit you can not only split files, but also join the split parts back together again.

**Information:** a collection of split parts is set of files having all the same filename, except for the extension at the end of the file name (.001, .002, .003, etc.) . Combining/joining these split parts is equivalent to restoring the original (pre-split) file.

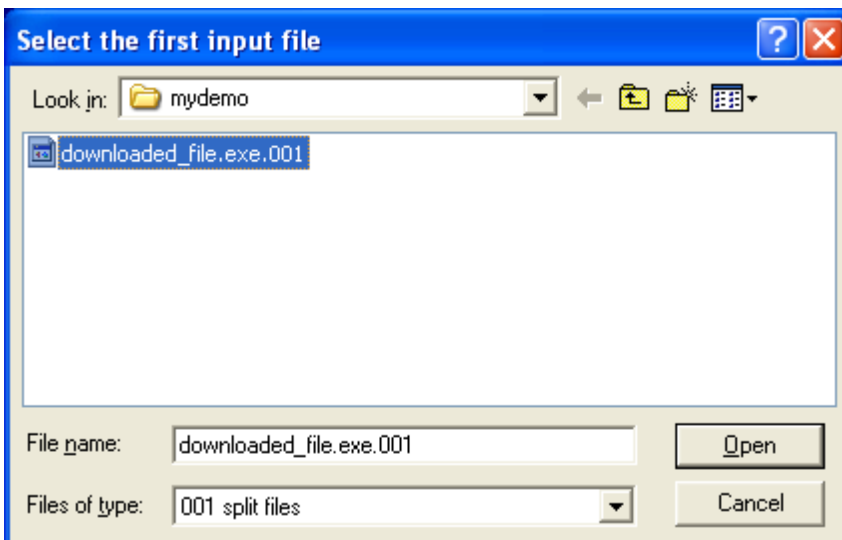
After clicking on the '**Join**' button in the main HJSplit screen, you will see the following screen:



To join a set of files, just perform the steps indicated below.

(1) Make sure the set of split parts (set of files ending in .001, .002, .003, etc.) to be joined all reside inside the same directory.

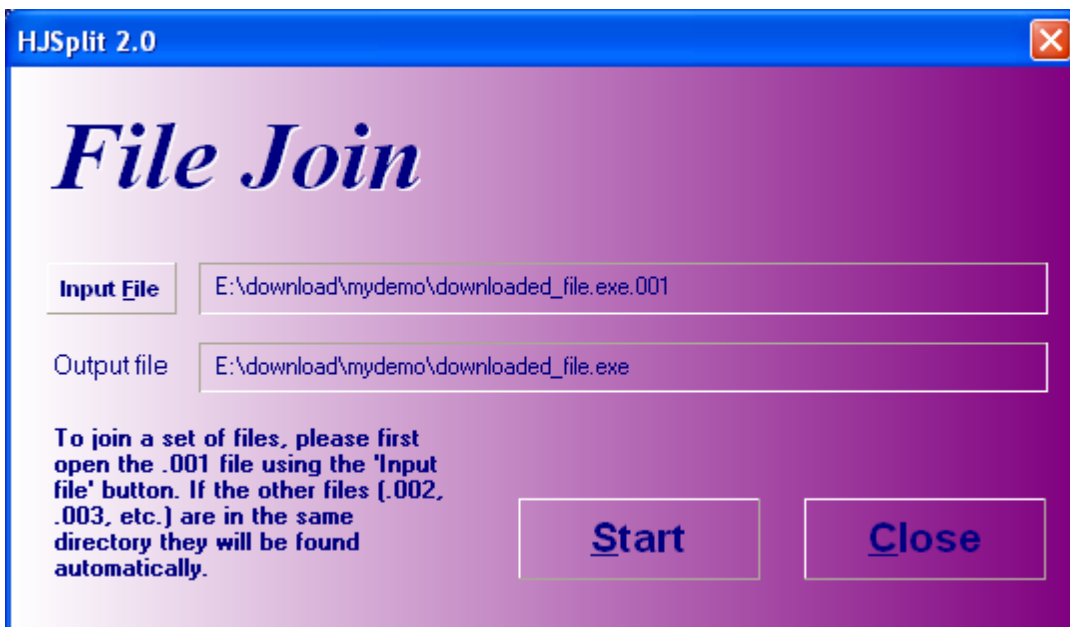
(2) click on the button '**Input file**', in the screen directly above, which will open the dialog shown directly below:



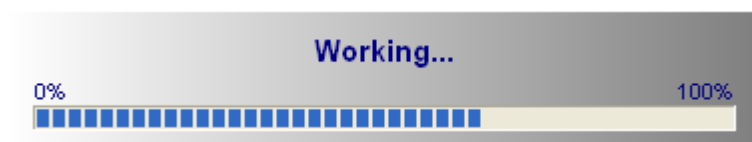
(3) In this dialog, select the file you want to join. Then press the '**Open**' button.

**Information:** please note that **only the first file** in the set of split parts (the .001 file) **is visible** in this dialog. Note that it is important that all split parts are in the same folder. When the other files which belong to the set of split parts (.002, .003, .004, etc.) are in the same folder, HJSplit will automatically find them during joining.

After pressing 'Open', the name and path of the file you just selected will appear in the 'input file' box, please see below:

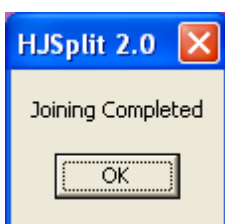


(4) Press the 'start' button in the screen above. HJSplit now shows a progressbar with the title 'working'.



(5) Finally, you will see the message that joining is completed (see below).

That the joined file can now be found in the same folder as the split part (the .001 file you selected in step 2).



## How to compare files

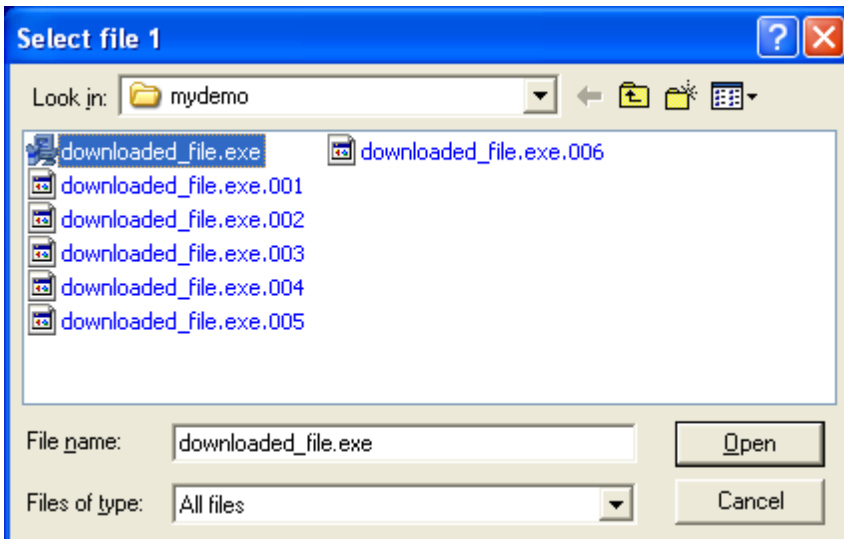
Using this screen you can find out whether two files are equal or not.

After clicking on the 'Compare' button in the main HJSplit window, you will see the following screen:



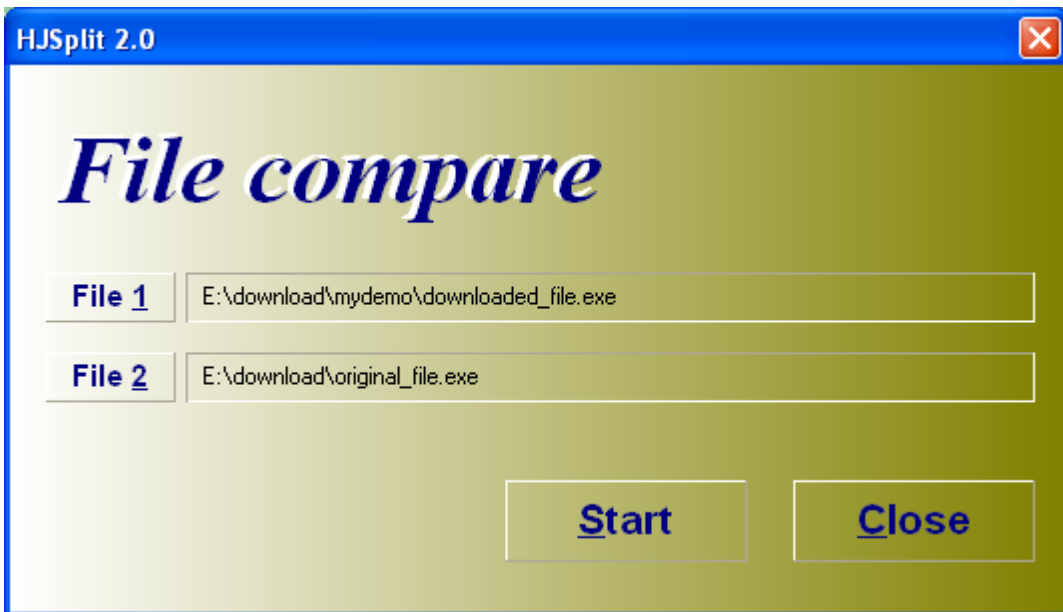
To compare two files, just perform the steps indicated below.

(1) To specify the two files you want to compare, click on the buttons 'file 1' and 'file 2' in the screen above.

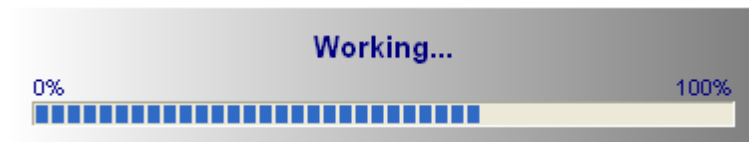


(2) The name and path of the files you just selected will appear in the fields 'File1' and 'File2', please see below:





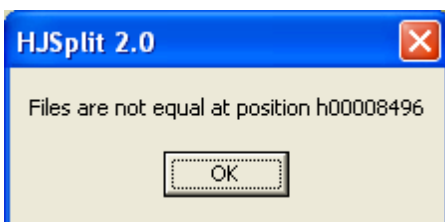
(3) Next, press the 'start' button in the screen above. HJSplit now shows a progressbar with the title 'working'.



(4) Finally, when the files are equal HJSplit will tell you 'files are equal'.



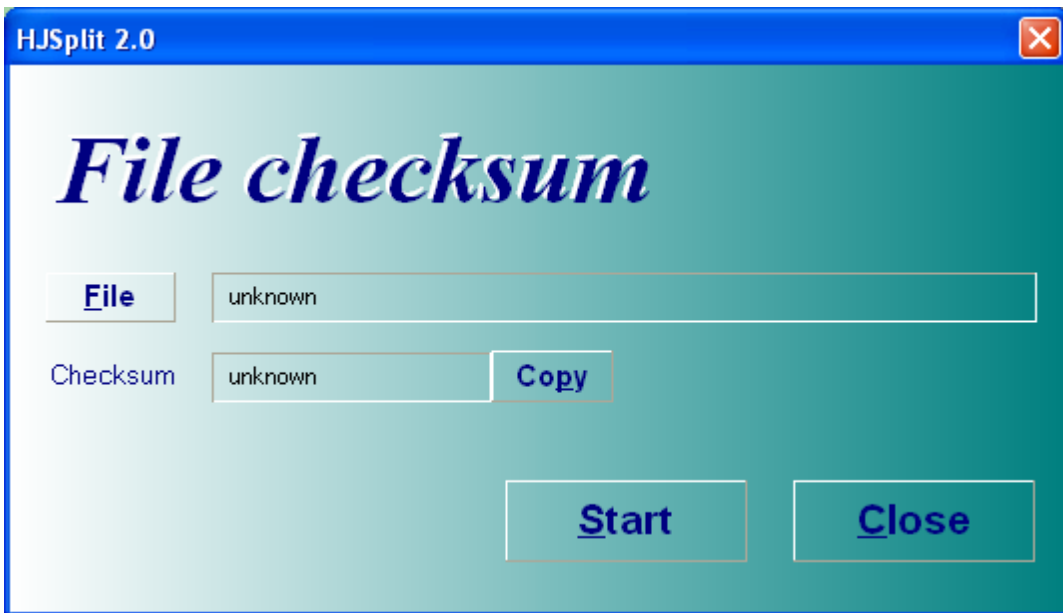
In case they are not equal, you can get the message 'files have unqual length' or 'files are not equal at position...'



## How to generate a checksum.

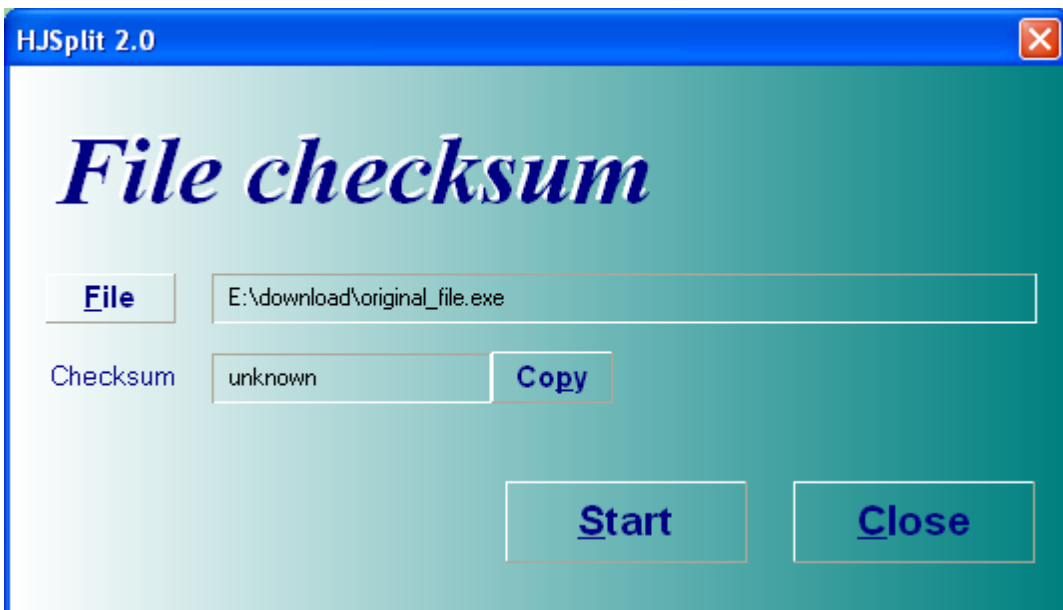
Checksums explained

After clicking on the 'Checksum' button in the main HJSplit window, you will see the following screen:

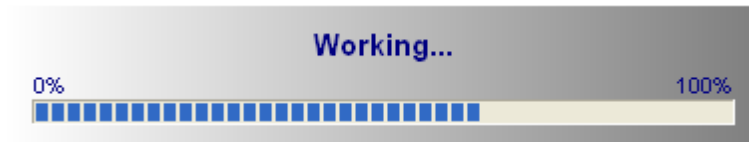


To create a checksum of a file, you can perform the steps indicated below.

- (1) To specify of which file you want to create the checksum, click on the button 'file' in the screen above.
- (2) The name and path of the files you just selected will appear in the fields 'File1' and 'File2', please see below:



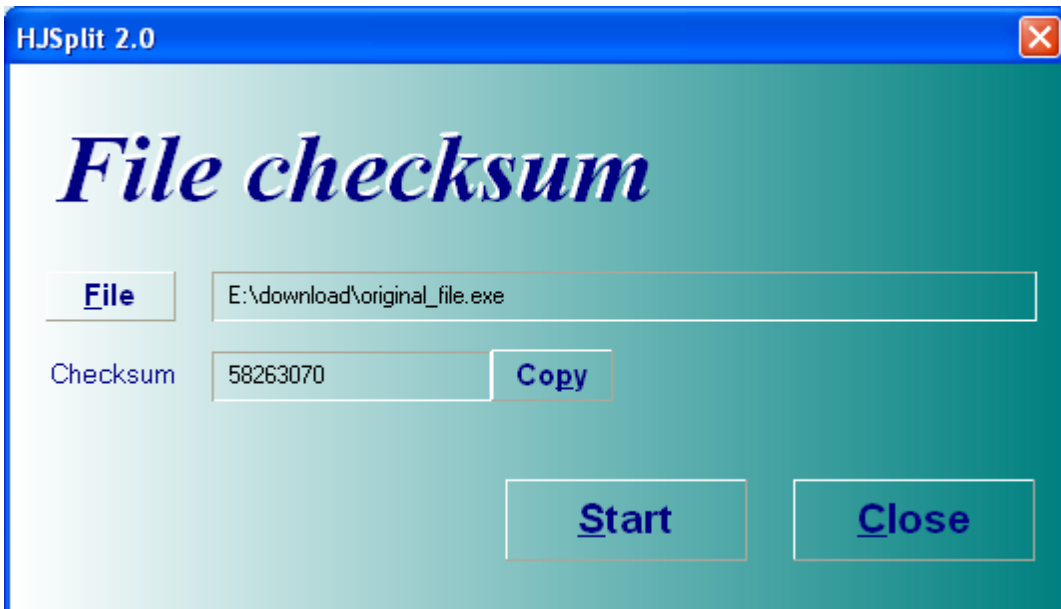
- (3) Next, press the 'start' button in the screen above. HJSplit now shows a progressbar with the title 'working'.



(4) Finally, when HJSplit has finished generating the checksum it will tell you 'checksum ready'



and the checksum will appear in the checksum field, please see below:



The button 'copy' enables you to copy the checksum to clipboard, for instance to paste it into an email program.

## Checksums explained

A checksum is a short sequence of letters and/or numbers generated from the contents of a file by HJSplit or another program. If two files are exactly the same, the checksum of those files are also exactly the same. On the other hand, the checksums of two files being exactly equal does not guarantee 100% that these files are equal. One can just say that these two files have a high likelihood of being equal when their checksums are equal.

### Now what is the use of a checksum?

Suppose you split a large file, sent the split parts to a friend, who joins the files. But when the friend tries to open or run the file, he/she gets an error message and the file will not be opened. What can be the cause? Very likely the file has been corrupted during download or during the process of sending email. To find out whether file-corruption is the actual cause, generate a checksum of the original file, and have your friend generate a checksum of the joined file.

If both checksums are equal, it is likely (but not absolutely sure) that the two files (original file and joined file) are equal. If the checksums are not equal, it is certain that the files are not the same.

See also [Troubleshooting](#)

## Troubleshooting

Suppose the joined file can not be opened. Trying to run or open the joined file only results in **an error message**. What can be the cause? Very likely one of the split parts has been corrupted during download.

To find out whether file-corruption is the actual cause of the error message, generate a checksum of both files (the original file, and the joined file) and compare these checksums.

If the checksums are not the same, the joined file is corrupted.

Some of the possible causes of corruption of the joined file are:

- (1) one or more split parts were damaged during download or during the email sending process, or
- (2) your friend's harddisk has one or more bad areas which caused one or more of the split parts and/or the joined file to become damaged, or
- (3) the file has been infected by a virus on your friend's computer after joining, or
- (4) your friend did not join all split parts.
- (5) you tried to join files which are not part of a collection of split files created by HJSplit.

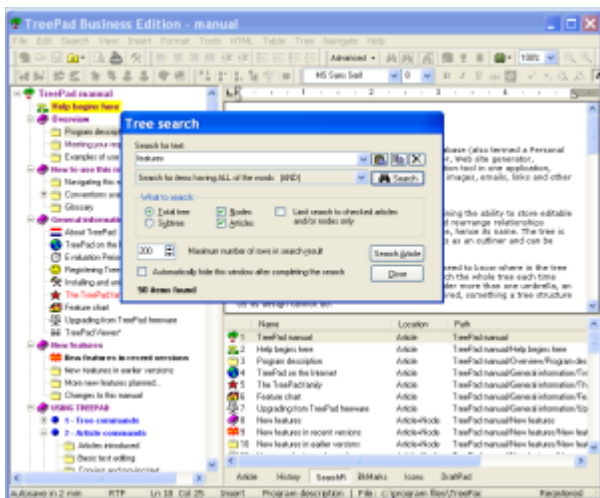
## Other programs created by Freebyte:

! TreePad  
! Custom Addressbook  
Bootminder  
Disktective  
Freebyte Backup  
Freebyte ZIP  
HJ-Install  
Scan Calculator  
Harddisk Search & Stats

**Program name:** ! TreePad

**Program URL:** <http://www.treepad.com>

**Screenshot:**



**Short description:** All-in-one! Password-protected Organizer, Database, Word Processor, PIM, Personal Information Manager, Photo Album, Web-site generator, and much more!

**Full description:** Multi-featured Organizer and Word Processor, intuitive and versatile, including: Password-protection and high-security Encryption, Spell Checker (20+ langs.), Thesaurus, Photo Album, Website Generation with dynamic tree, image-converter, Presentation mode, documentation-, shortcuts-, hyperlinks-, addresses-, passwords and notes-organizer, and much more! Widely imitated, TreePad is an Award winning, highly intuitive, and powerful application, yet awesomely small: runs (+data) also from a floppy (excl. dictionaries)! With the look and feel of the Windows Explorer, managing any kind of data has never been easier: use TreePad's tree to browse any previously created/imported text or document, just as you browse directories/folders in Win-Explorer. TreePad is fully customizable: work the way you feel comfortable! TOOL BARS: can be hidden/visible/floating, functions be hidden/visible. SEARCH ENGINE: very fast multi-featured tree and article search + a hyperlinked results panel. WORD PROCESSOR: full control of fonts, colors, highlight color, left/right/center/justify/indent text, page margins, bullets, table color/shading/border/resize, spell check block/all, format painter, text-sort (w/ reverse), line/word-select, char.map, draft-pad etc. TREE FEATURES: multiple sorting options + control of node font/color/style/numbering/checkbox/marking/icon. Yet more POWERFUL FUNCTIONS: XML forms/templates/export; HTML toolbar/menu/insert-code/export-to-Website (opt:dynamic tree)/etc; self-updating fields; template function; hyperlinked history/bookmarks/favorites lists; undo/redo; high-security encryption; image-compression; print preview; drag-drop; zoom; calendar; a multitude of import/export options; auto-save; 'browser-style' hyperlinks to files, directories, WWW,email, ftp, news, phone (with autodial - inc.prefix), user-defined; etc. Import IE bookmarks and Windows shortcuts. Powerful + portable, TreePad Business Edition is the ideal companion to every PC

**A multitude of different versions is available:** for Windows, Linux. single-user, **multi-user**, freeware, commercial, **multi-gigabyte**, freeware reader, online Perl version, etc.

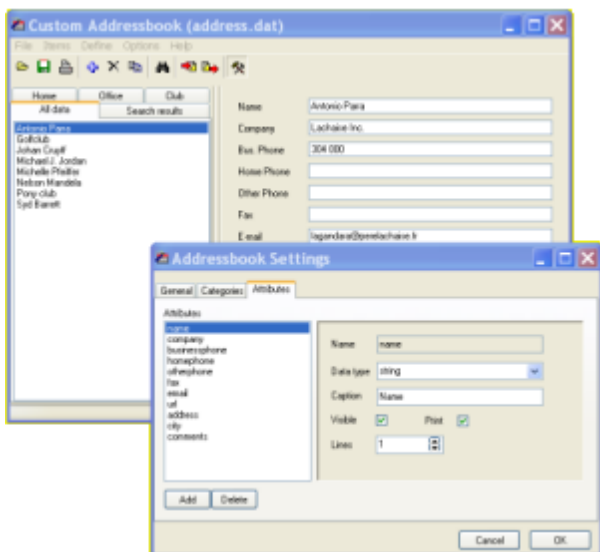
**Platforms:** Windows 95, 98, ME, NT 4.0., 2000, XP, Linux

**License:** freeware and shareware versions

**Program name:** ! Custom Addressbook

**Program URL:** [www.freebyte.com/addressbook](http://www.freebyte.com/addressbook)

**Screenshot:**



**Short description:** ! Custom Addressbook is intuitive, small, powerful, and extremely flexible Address Management program for Windows 95/98/ME/NT/2000/XP.

This program is unique, among the many apparently similar programs, in that it enables you to define your own addressbook fields and categories.

**Full description:** Custom Addressbook is an intuitive, powerful, small, and extremely flexible Address Management program for Windows 95/98/ME/NT/2000/XP. Custom Addressbook is unique, among the many apparently similar programs, in that this program enables you to define your own addressbook fields and categories. An advantage of its small size, is that the program and its database file can run directly from a floppy disk. This means, that anywhere you may be, if you can make use of a computer, then you can also access your Custom Addressbook! All you need is to have with you the diskette with the program and the data file. Other features: encryption, password protection, export to XML, HTML, CSV, TXT; import from CSV, search engine (with multiple search options: search category only, search attribute only, case-sensitive, search at start of field, export search results to CSV, XML, HTML, TXT), support for Windows XP themes and skinning, built-in backup function, import from most database programs, export to most database programs, print, auto-dial, active URLs, support for non-western fonts and Asian languages, minimize to tray, run from floppy, automatic install, manual install, zero install, data compression, copy addresses to clipboard, indirect support for printing address labels, make duplicates of selected address items, etc.

**Supported platforms:** Windows 95, 98, ME, NT 4.0., 2000, XP

**License:** freeware and shareware versions available



**Program name:** Bootminder

**Program URL:** [www.freebyte.com/bootminder/](http://www.freebyte.com/bootminder/)

**Program description:** A boot virus is a virus that is transmitted during computer startup. The most common way of getting infected is to leave your floppy in your computer during shutdown. If that floppy is infected with a boot-virus, your computer's harddisk will very probably be infected the next time you start your computer. Bootminder will warn you if a floppy is in your A: drive when you are closing down Windows. If you then take out the disk from that drive, the next time you start your computer, it will not boot from that floppy. Conclusion: a reduced chance of a boot-virus infection!

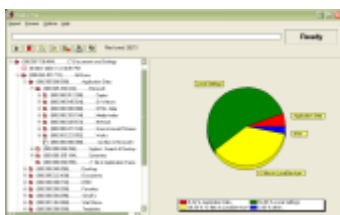
**Supported platforms:** Windows 95, 98, ME, NT 4.0., 2000, XP

**License:** freeware

**Program name:** Disktective

**Program URL:** [www.freebyte.com/disktective/](http://www.freebyte.com/disktective/)

**Screenshot:**



**Program description:** Description

Running out of disk space? Don't know what's eaten it? You can use Disktective to trace lost space on your harddisk. With Disktective you can find out the real size of your directories and distribution of used space inside them. Each directory may contain hundreds of subdirectories each containing many files. Simply run Disktective and let Disktective create a complete report displaying the real sizes of all directories and their containing subdirectories.

**Supported platforms:** Windows 95, 98, ME, NT 4.0., 2000, XP

**License:** freeware

**Program name:** Freebyte Backup

**Program URL:** [www.freebyte.com/fbackup](http://www.freebyte.com/fbackup)

**Program description:** a freeware backup program for Windows 95/98/ME/NT/2000/XP. It allows one to easily copy (and filter) a large number of files and directories from various sources into one backup directory. It is possible to backup all files found in the specified set of input directories, or to have only certain file types copied. Files can be filtered according to file-extensions. E.g. you can specify that you want to backup all .doc, .rtf, .jpg, .bmp files, but none of the .exe, .dll and .txt files. You can very easily define new file extensions yourself to be added to the filter.

With the optional 'Incremental backup' feature, the program only copies files which have not yet been saved by Freebyte Backup.

It is also possible to specify a date, so that only files changes/created after a certain date/time are copied, or to only copy files if they are more recent than the corresponding files at the target location.

The detailed report screen shows a list of all the files which are part of the backup process. Of each file, one can see if the file is actually copied or if it is skipped. One can also see the file size, the file date, the source and target locations, the total number of files copied, and the total number of bytes copied.

The file list in the report report screen can be sorted according to file status ('copied' or 'skipped'), file name, file date, target location, etc.

You don't have to use profiles with FB Backup, but it can make life easier when you are working with several sets of data which need to be backed up at different times.

A profile within FB Backup consists of all the backup input directories specified, the backup output directory, and the filter settings. Profiles can be created, loaded from file, saved to file.

**Supported platforms:** Windows 95, 98, ME, NT 4.0., 2000, XP

**License:** freeware

**Program name:** Freebyte ZIP

**Program URL:** [www.freebyte.com/fbzip/](http://www.freebyte.com/fbzip/)

### **Description**

Freebyte Zip is a reliable, powerful and **freeware** zip/unzip program with full Windows user-interface. You can zip and unzip files, create zip archives, password protect files, view sort and encrypt zip file contents, and also make self.extracting archives. This program is the direct successor to the reliable [HJ-Zip](#) program.

Freebyte ZIP is suitable for Windows 95, 98, ME, 2000, NT and XP. The program is only 300 Kb in size, and does not require any installation.

Licence: freeware for commercial and non-commercial use.

### **Features**

- \* Easy Windows user interface
- \* Open, create, change, protect, encrypt, sort and view zip files
- \* Powerful command-line/DOS interface
- \* View or execute files directly from inside the zip archive
- \* Create self-extracting archives
- \* Full support for long file names, also in self-extracting archives
- \* Add and remove files directly to/from zip and self-extracting archives
- \* Extract files with or without path information
- \* Add files with relative or absolute path information, or without any path information.
- \* Recurse subdirectories (optional)
- \* Zip entries can be password protected and encrypted
- \* Specify the compression level when adding files
- \* File attributes and file dates are preserved during zip/unzip operations
- \* Easy shortcut keyboard commands for frequently used functions
- \* Progressbar display during file extraction and compression
- \* The compression and extraction process can be aborted
- \* Compression and extraction settings are saved between sessions
- \* Compression and extraction folders are saved between sessions
- \* Statusbar display of total size of zip-file in Kbytes
- \* Statusbar display of total number of items in zip-file
- \* Free for commercial and non-commercial use!
- \* Small in size
- \* Does not need to be installed
- \* etc. etc.

### **Powerful command-line options**

If you want to use Freebyte zip as a command-line (DOS) program, e.g. as part of a batch process, these options are available:

fbzip.exe [options] <zipfilename> <list of absolute paths>

Please note that the list of absolute paths can contain a mix of file names, directories and wild-cards. If the zipfile does not exist, it will be created.

Options:

- e: extract files
- a: add files
- p: use path information when extracting files (create directories if necessary)
- p: store path information when adding files
- r: recurse subdirectories when adding files

**Supported platforms:** Windows 95, 98, ME, NT 4.0., 2000, XP

**License:** freeware

**Program name:** HJ-Install

**Program URL:** [www.freebyte.com/hjinstall/](http://www.freebyte.com/hjinstall/)

### **Introduction**

HJ-Install is a freeware installer for Windows 95, 98, ME, NT 4.0, 2000 and XP. It is created with Internet distributed, CD-Rom, single-floppy and multi-floppy installations in mind, but it can also be used in network situations and as a stand-alone scripting engine.

The current version can create install directories, copy files into them, create program-groups and -items, copy whole directory structures, and interact with the end-user.

### **Small**

If you are distributing a relatively small application, I'm sure you don't want a complicated huge installer which adds more than 1 Mb to your package! HJ-Install on the other hand is small and adds only 138 Kb!

### **Powerful**

You can easily create install scripts which copy hundreds of megabytes from CD-Rom without much effort. In fact, you could just do this with one line of script using the HJ-Install 'copy trees' command.

### **Simple**

The installation procedure is orchestrated by a simple and powerful scripting language. One can easily create program-groups, program-items, directories, copy files and copy whole directories.

Compressed files are automatically uncompressed during the copy action (a compression utility is included in the package).

See also the script [example](#) and the online version of the [Manual](#).

The documentation is clear and four examples are available.

**Supported platforms:** Windows 95, 98, ME, NT 4.0., 2000, XP

**License:** freeware

**Program name:** Scan Calculator

**Program URL:** [www.freebyte.com/scancalculator/](http://www.freebyte.com/scancalculator/)

### **Introduction**

This is a program to calculate scanning resolutions. It calculates the scanning resolution necessary to achieve certain results based on certain input values, like output resolution, amount of colors, quality coefficient, etc.

### **Multi-lingual**

This program is multi-lingual, in the sense that everyone can create a version of this program in their own language without programming.

To do this simply translate/rewrite the texts (messages) found in the file messages.txt.

Currently English/International, French, Danish and Dutch versions are available.

**Supported platforms:** Windows 95, 98, ME, NT 4.0., 2000, XP

**License:** freeware

**Program name:** Harddisk Search & Stats

**Program URL:** [www.freebyte.com/harddisk\\_search\\_and\\_stats/](http://www.freebyte.com/harddisk_search_and_stats/)

**Program description:** Harddisk search and statistics engine

**Supported platforms:** Windows 95, 98, ME, NT 4.0., 2000, XP

**License:** freeware