

Asplit

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NUMBER	DATE	DESCRIPTION	NAME

Contents

1	Asplit	1
1.1	Asplit	1
1.2	Introduction	1
1.3	Why a new 'split' command?	1
1.4	Synopsis	2
1.5	Asplit Copyright	3
1.6	About the Author	3
1.7	Thanks	4

Chapter 1

Asplit

1.1 Asplit

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Asplit
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```
Introduction
Why a new 'split' command ?
Synopsis
Copyright notice
Thanks
```

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Asplit was written by Marc MENDEZ.
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1.2 Introduction

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Introduction
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We often need to copy a file to a removable storage unit, to transfert it on an other machine, to archive it. Unfortunately, it happens the file size is higher than the storage unit capacity. There are two ways to solve this problem:

- compress the file with an archiver (lha, zoo,...). But if the file is already compressed, you won't reduce the size.
- split the file in several files you can then copy on a disk. That's the purpose of the "Asplit" command !

1.3 Why a new 'split' command?

Under Unix, the command "split" already exists. But, most of the split command version can process only text files, since you can just specify the number of lines you want in each sub-files. In a binary file, such as an archive or an executable file, lines is a non-sence. You must specify the number of bytes for each sub-files. Some versions of 'split' allow this.

I needed a command to transfert files from/to a Unix System. So, I created it ! The source file is "Unix compatible", i.e. you can compile it on your Amiga Computer or on a Unix System, since the command may be necessary on both systems.

1.4 Synopsis

SYNOPSIS

```
Asplit [-b buffer] [-n number] -s size filein [fileout|directory]
```

OPTIONS

-b buffer

specify the size of the internal buffer. Default: 1024 bytes. It's advised to use 1024 multiple values. This field is optional.

-n number

specify the base number used to numerate the file. Default: 0.

-s size

specify the maximum size (in bytes) of each sub-file.

filein

the name of the file to split.

fileout|directory

Several cases:

- No filename given:
The source filename is used as root name of the files created. These files are in the current directory.
- ~A filename is given:
It will be used as root name. This name can be composed of a path.
- A path is given:
The files will be created in this directory. The path MUST end by ":" (for Amiga) or "/".

DESCRIPTION

The file "filein" is split into several files of "size" bytes. Each filename is composed of the source file name if no "fileout" name is given, and a number, which indicates the order.

The number of files is NOT LIMITED. The order of files is respected thanks to an evaluation of the digits necessary to code the order number, i.e., is you have 100 files, they will be coded from 000 to 099, instead of 0 to 99. If you don't know why it's important, you should remember that the string "10" is alphabetically before the string "2"...So imagine the result of the concatenation of all the files.

1.5 Asplit Copyright

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List of all files in the distribution:

- ASplit
- ASplit.c
- ChangeLog
- ASplit.guide

1.6 About the Author

ASplit2 was written by Marc MENDEZ.

If you have any questions, remarks, suggestions or bug reports please let me know. You can contact me via e-mail, my internet address is:

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