

example

COLLABORATORS

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<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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REVISION HISTORY

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Chapter 1

example

1.1 Split! 1.0 User Manual -- December 11, 1993

Split! 1.0 -- by Dan Fraser

User Manual

December 11, 1993

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1.2 introduction

INTRODUCTION

Frequently, I had to move large files between platforms. When I had a 10 megabyte file on my Amiga hard disk that I wanted to take to school (an IBM network) for printing, I found that when I LhAed the file, it still wouldn't fit on a floppy disk. After trying other file splitters, I found that they were just too slow for my needs. I wrote my own.

1.3 installation

INSTALLATION

Split! is a CLI-based command, and therefore should be placed somewhere in your command path. I recommend that you move the executable to your C: directory before use.

1.4 usage

USAGE

Split! must be run from the CLI, and takes only two parameters:

```
Split! <infile> <outfile>
```

<infile> is the large file you want to split up into smaller files.

<outfile> is the root of the destination filename. For each file created, a numerical extension will be added.

Once run, Split! will ask you how big (in Kilobytes) to make each <outfile>. To transport it on standard MS-DOS 720k disks, I would recommend a split size of 700. For 1.44Mb MS-DOS disks, enter 1400.

Example:

```
Split BigFile LittleFile  
SplitSize (Kb): 700
```

The files would be called: LittleFile.1, LittleFile.2, etc.

On the MS-DOS system, you just copy all the files off the disks into a directory on the hard disk. The MS-DOS 'COPY' command does a good job of putting them back together.

```
COPY LittleFile.1/b+LittleFile.2/b+LittleFile.3/b BigFile
```

This would join all the smaller files into a larger one called 'BigFile.' The '/b' switch on each file is important. It tells COPY that it is joining binary files, and thus will not stop at the first CTRL-Z it sees.

1.5 benchmarks

BENCHMARKS

These tests were done with the file NodeList.316, the FidoNet nodelist. The source file was 2212118 bytes long. The splitsize in both cases was 700k.

```
Split! 1.0          Chopper 1.1
=====            =====

10.23 sec.         140.21 sec.
```

1.6 limitations

LIMITATIONS

Alas, the programs speed is not a result of my programming prowess. It is simply because of my big-assed buffer! By processing 32k at a time, your systems hard disk has to seek less. Unfortunately, this is demanding on very low memory systems. I would have included my PCQ Pascal source code, but I'm too embarrassed.

1.7 distribution

DISTRIBUTION

Although this program is freely distributable, it remains my program, Copyright (c) Dan Fraser, 1993.

I shall impose a few limitations on distribution. It must not be sold for profit. It must not be placed in public domain collections for which more than \$4 a disk is charged, and it may not be used in commercial product distributions without my written permission.

1.8 author

CONTACTING THE AUTHOR

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