srec needham(5) srec needham(5)

NAME

srec_needham - Needham EMP-series programmer ASCII file format

DESCRIPTION

This format is understood by Needham Electronics' EMP-series programmers. See www.need-hams.com/winman.pdf for more information. (This format is very similar to the ASCII-Hex format, but without the 'B and 'C guard characters.)

Each data byte is represented as 2 hexadecimal characters, and is separated by white space from all other data bytes.

The address for data bytes is set by using a sequence of \$Annn, characters, where *nnnn* is the 8-character ascii representation of the address. The comma is required. There is no need for an address record unless there are gaps. Implicitly, the file starts a address 0 if no address is set before the first data byte.

Size Multiplier

In general, binary data will expand in sized by approximately 3.0 times when represented with this format.

EXAMPLE

Here is an example ascii-hex file. It contains the data "Hello, World" to be loaded at address 0x1000. \$A1000,

48 65 6C 6C 6F 2C 20 57 6F 72 6C 64 0A

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srec cat version 1.47

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