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/_\\LOAD V1.1 - Freeware

XLOAD CBM/PET <-- PC(DOS)

Introduction

After releasing the very slow first public beta with this version your virtual CBM-drive will become Warp-speed.

Using anything like a 486-66 DOS-PC you'll may load 32 KB-files in 2,5 seconds.

The measured transfer is about 13,3 Kilobyte/s. With a faster machine there may be up to 15 Kilobyte/s possible.

But be warned ! - There is no warranty at all ! You can only use it at your own risk !

There is no way to use the software on a Windows machine ! The sender is a 16bit DOS program coded in Borland Pascal.

The XLOAD cable

CBM	USERPORT	PC	LPT
A	-- GND --	18..25	
B	<-- Strobe	1	
C	< D	2	
D	< A	3	
E	< T	4	
F	< A	5	
H	< L	6	
J	< I	7	
K	< N	8	
L	< E	9	
(!) M	ACK -->	10	

Power down the computers and plug this adaptor.

Software

CBM (2001/3001 or another machine with CBM Basic 2.0) :

First you have to start the CBM-terminal : xload.prg (sys 634). This version is for Basic 2.0 machines like CBM 2001/3001.

The code is located from \$027a-\$03f9. You can load programs from \$0400-\$7fff into memory. If you transfer basic-programs you have to set the pointers manually (\$28 and up). One way is an emulator.

You load the basic program and take a look into the asm-monitor. Make a note and poke the values into the CBM.

Screen-output :

```
----/ XLOAD PET LAUNCHED /---  
# LISTENING PORT
```

The CBM is now awaiting an incoming handshake.

PC (running DOS):

Now start the sender on your DOS-PC :

```
xsend myprog.prg
```

The prg-file must have a two byte load-address. This is used by the CBM for correct loading into the memory

Never start the pc-sender first ! - This will hang the machine !

Back to the CBM :

After starting the transfer the CBM will display further text.

```
----/ XLOAD PET LAUNCHED /---  
  
# LISTENING PORT  
# SENDER ONLINE - HANDSHAKE  
# XLOADING TO $0401
```

If about a few seconds the ready-prompt appears and the PC-sender is also back on command-line, the program will be transferred.

Additional addresses :

```
blocks = $03fb  
restbytes = $03fc  
dummy   = $03fd  
target_lo = $fb  
target_hi = $fc  
    curcol = $c6  
    curow  = $d8
```

Star-Commander :

To use it with the Star-Commander (<http://sta.c64.org>) you have to edit the sc.mnu. Add the following lines:

```
X:      XSEND PET  
       xsend !.!
```

The Author :

Michael Sachse , info@cbmhardware.de

<http://www.cbmpet.de>

<http://www.cbmhardware.de>

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