NEWCCP (Console Command Processor) for CP/M 2.2
Programmed by Tony Morehen

NEWCCP Coleco ADAM Installation Guide for 2023
Instructions by Shawn Merrick

ATTENTION:
PROCEED ONLY IF YOU ACCEPT RESPONSIBILITY FOR ALL RESULTS

NOTE FOR ABP Users: Tony Morehen's **ADAM BIOS Patch for CP/M** may also be used with his **NEWCCP.** However, the NEWCCP DIR file size feature will display incorrect sizes. This is cosmetic only. Other NEWCCP benefits function as intended. Simply use **STAT A:*.*** for correct file sizes and details.

These instructions have been successfully tested on both REAL and EMULATED Coleco ADAM and ADAM drives. It is STRONGLY suggested to use DSK images for emulated DISK drives such as VDD, ADE, or FujiNet. DDP images may be used without issue in emulated TAPE drives such as an SD-DDP drive, or an ADAMEm DDP drive. THIS IS TO AVOID A CP/M LIMITATION from faulty drive geometry when DDP "TAPE" images are used in any ADAMNet "DISK" device.

You only need minimal understanding of your ADAM system, drives, and CP/M to install NEWCCP using this guide. Additional information can be found in Tony Morehen's original 5-page documentation.

REQUIREMENTS:
1 Coleco ADAM Computer System OR ADAM Emulator (ADAMEm)

1 Drive Emulator (Virtual Disk Drive (VDD), SD-DDP, ADAM Drive Emulator (ADE), or FujiNet) for the included NEWCCP Images

1 Separate Disk Drive or DDP Tape Drive (real or emulated) for the CP/M media to modify

1 Spare Copy of Coleco ADAM CP/M 2.2 Operating System

PREPARATION:
Boot a SPARE copy of CP/M 2.2 you wish to modify. The first drive to load automatically becomes named DRIVE "A". Insert your NEWCCP installation disk, tape, or image into the second drive. This is named DRIVE "B" when it is the SAME TYPE OF MEDIA as DRIVE "A". (Using ONLY 2 disks, or ONLY 2 tapes)

INSTALLATION IN 13 QUICK STEPS:

IF USING ONE DISK AND ONE TAPE, you must specify DRIVE "C" instead of "B" in steps 1 AND 2. Also, DDP tape users may wish to omit the **[V]** verification process due to repeated, intensive rewinds.
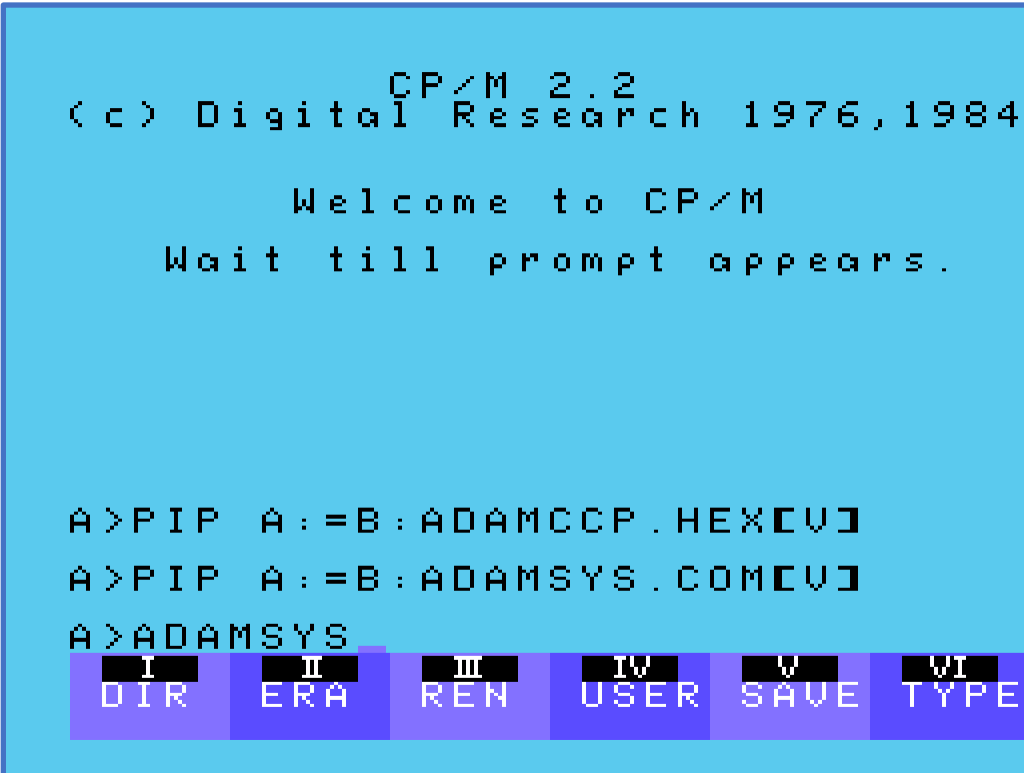
1. Copy the file ADAMCCP.HEX onto the CP/M media.
PIP A:=B:ADAMCCP.HEX[V] <return>

2. Copy the file ADAMSYS.COM onto the CP/M media.
PIP A:=B:ADAMSYS.COM[V] <return>

3. You now have everything needed on the CP/M media in Drive A to finish the installation below. You may eject the NEWCCP media or image from the other drive. Type ADAMSYS <return>
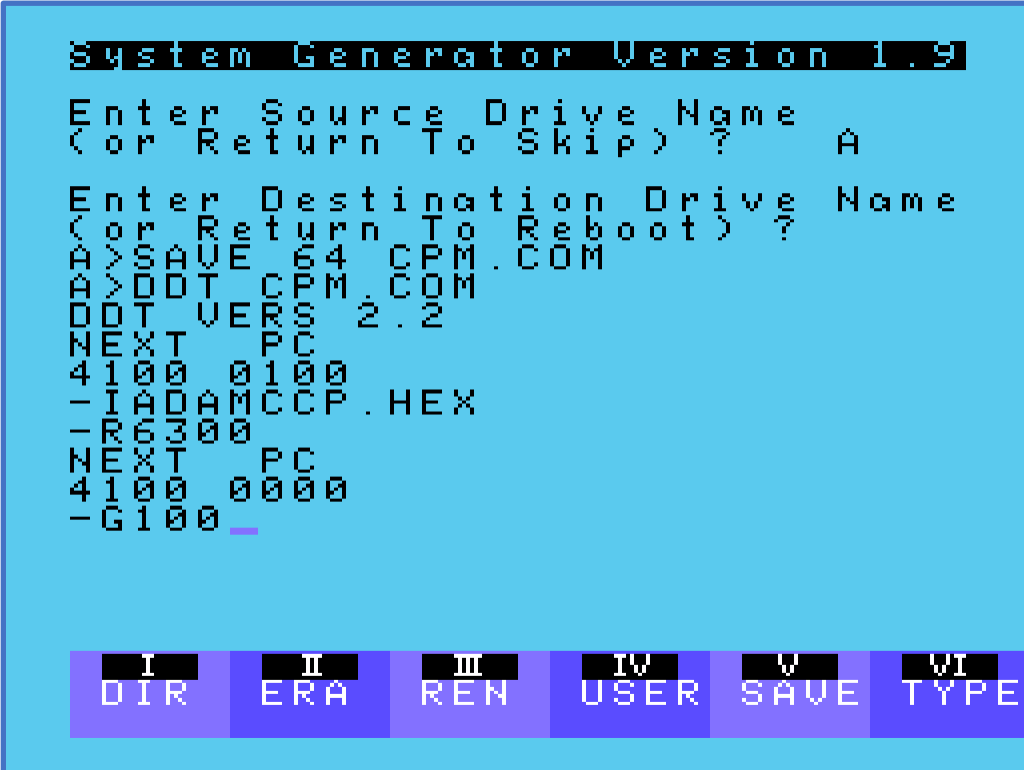
```
             CP/M 2.2
(c) Digital Research 1976,1984

         Welcome to CP/M
    Wait till prompt appears.




A>PIP A:=B:ADAMCCP.HEX[V]
A>PIP A:=B:ADAMSYS.COM[V]
A>ADAMSYS_
    I        II       III      IV       V       VI
   DIR      ERA      REN     USER     SAVE    TYPE
```

INITIAL STEPS 1-3 PICTURED

4. The screen clears and the "System Generator" title appears. Source Drive Name A <return>

5. Destination Drive Name <return>

6. SAVE 64 CPM.COM <return>

7. DDT CPM.COM <return>

8. IADAMCCP.HEX <return>

9. R6300 <return>

10. G100 <return>

```
System Generator Version 1.9
Enter Source Drive Name
(or Return To Skip) ?    A

Enter Destination Drive Name
(or Return To Reboot) ?
A>SAVE 64 CPM.COM
A>DDT CPM.COM
DDT VERS 2.2
NEXT   PC
4100 0100
-IADAMCCP.HEX
-R6300
NEXT   PC
4100 0000
-G100_
```
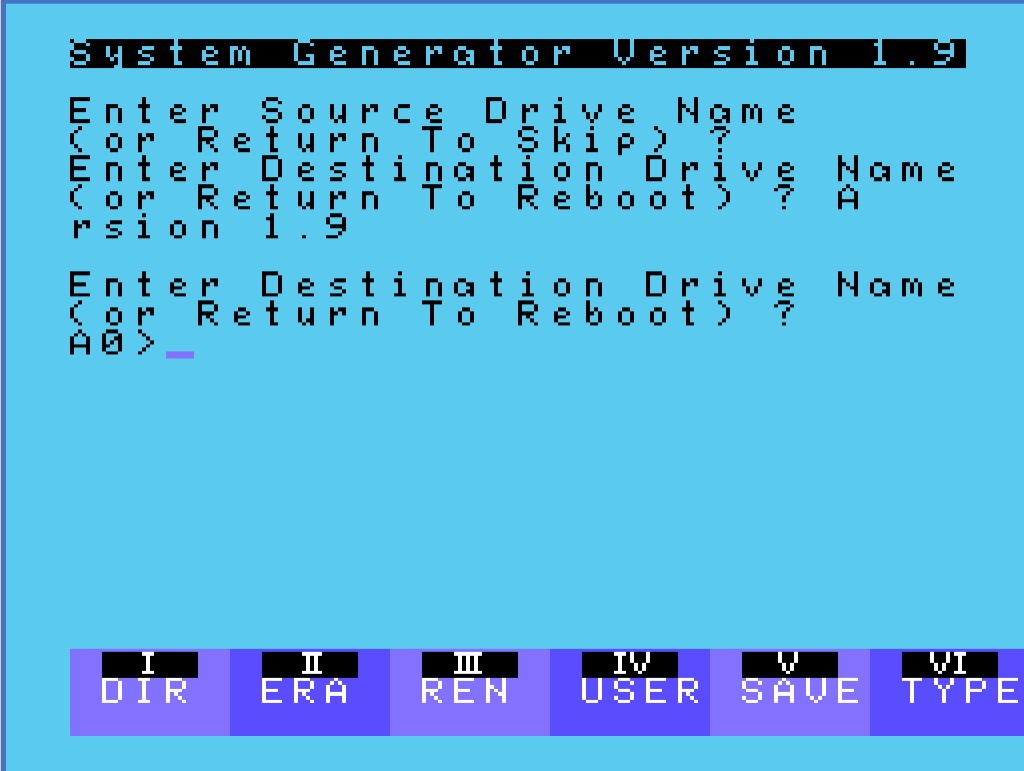
I	II	III	IV	V	VI
DIR	ERA	REN	USER	SAVE	TYPE

STEPS 4-10 PICTURED

11. Again, the screen clears and the "System Generator" title appears.
    Source Drive Name <return>

12. Destination Drive Name A <return>
    (A minor cosmetic error reading "rsion 1.9" appears on the screen.)

13. (Additional) **Destination Drive Name** <return>

```
System Generator Version 1.9
Enter Source Drive Name
(or Return To Skip) ?
Enter Destination Drive Name
(or Return To Reboot) ? A
rsion 1.9

Enter Destination Drive Name
(or Return To Reboot) ?
A0>_




    I         II        III        IV        V         VI
   DIR       ERA       REN       USER      SAVE      TYPE
```

FINAL STEPS 11-13 PICTURED

Installation is complete when the NEWCCP command prompt reading **"A0>"** appears on the screen. Fully restart ADAM once for the best stability. New commands are built right into the CP/M 2.2 NEWCCP command prompt:

CLS - clear the screen for better legibility
COPY - instantly copy files without the slower loading of COPY.COM
DIR - now includes the file sizes and disk statistics **(SEE ABP NOTE Page 1)**
GO - run the LAST program (from the Transient Program Area)
LOG - use after any disk or tape swap to ensure R/W access (a disk reset)
TYPE - has a screen pause default. Override with "N" after the filename
USER - command now replaced with a drive and user syntax (A0: , A15: , etc.)