Data Communications Pac for the HP 83/85

Date ▾ (/g/hpseries80/topic/655995?p=Created,,,20,1,0,0)

👤 CuriousMarc (/g/hpseries80/profile/@CuriousMarc)

04/03/15 🔗 (https://groups.io/g/hpseries80/message/615)

Thanks, it works now. I uploaded the file.

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👤 Everett Kaser (/g/hpseries80/profile/@everettkaser)

04/01/15 🔗 (https://groups.io/g/hpseries80/message/613)

@CuriousMarc (/profile/CuriousMarc) wrote...

> No upload button for me. It must have to do with my membership
> limitations in this group, as I do have the upload buttons in the
> other groups I am belonging to. Just not this one. Yahoo help said
> just ask the moderator of the group to give you privileges. But
> then this new Yahoo interface is so poorly designed and terribly buggy.

Hmm...

I'd checked your membership settings before, and you were set to the
same settings as everyone else (or so I thought). But I just checked
again and noticed a checkbox I'd not noticed before for "Disallow
file uploads" and it WAS checked. I've unchecked it, so see if you
can upload your file now!

I checked a number of other members on the group, and they did NOT
have that checkbox checked, so how or why it got checked on YOUR
membership, I have NO idea.

Everett

==
Everett Kaser Software Logic & Puzzle Games for computers
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Albany OR 97321-0117   Phone: 541-928-5259 8am-8pm PACIFIC TIME
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04/01/15 🔗 (https://groups.io/g/hpseries80/message/612)

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belonging to. Just not this one. Yahoo help said just ask the moderator of the group to give you privileges. But then this new Yahoo interface is so poorly
designed and terribly buggy.
Marc

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Everett Kaser (/g/hpseries80/profile/@everettkaser)

@CuriousMarc (/profile/CuriousMarc) wrote...

> Rats I can't upload a file, no permission. I might contact you off
> line so you can post it in the software section.

Umm... you SHOULD be able to.

If you go to the group page at
  https://groups.yahoo.com/neo/groups/hpseries80/info (https://groups.yahoo.com/neo/groups/hpseries80/info)
you should see the FILES section, you SHOULD see:
  Conversations Photos Files About
at the top, just under the title image.

If you click on "Files", you should see, just beneath the above
header line, "Files" and on the right buttons for:
  Actions +[Folder image] +[Doc image] Upload

I'd recommend putting your upload into the SOFTWARE folder. Go into
the SOFTWARE folder, then click on the Upload button, and follow your
nose.

Let me know if you don't see the Upload button. It's purple-colored
in my browser. But I checked the group settings to confirm that all
members are allowed to upload files, so I don't know why you wouldn't
see it.

Everett

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CuriousMarc (/g/hpseries80/profile/@CuriousMarc)

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CuriousMarc (/g/hpseries80/profile/@CuriousMarc)

I figured it out. I was using a beta version of HPDir that Angsar gave me to make my 5.25 diskette out of the image. Well it is not quite ready for prime time. I reverted to the released version, and the diskette was created fine and loading the program from it now runs without errors. So confirming the download is both for the 83/85 and 86/87 machines, you were right. It's in Teledisk format, I will upload my conversion to your emulator / HPdir binary format when I have a minute.
Marc

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@CuriousMarc (/profile/CuriousMarc) wrote...

> OK, you were right (once again). This IS the right download, for
> both architectures. When I run the image from Angsar Kueckes
> HPDrive mass storage emulator it works. But when I try from a
> real diskette I made from a real drive it doesn't. I just try to
> make the diskette again from the image and an cryptic error occurs
> writing to it about half-way. Maybe it is too big to fit on just
> one disk? Or my media is bad or my drive is bad. I'll try moving
> the 3 HP85 programs one by one to the disk. Ah, the joys of
> retro-computing with erratic hardware...

I really doubt it's the size of the disk, as the BASIC program AND
the IPBIN both have to fit in 32K of RAM, and the GETSAVE binary
(which isn't needed unless you want to send a BASIC program over
the serial interface/modem) can't take up more than a fraction of
the diskette, the smallest of which was (I think) about 360 Kbytes.

Everett

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USA               http://www.kaser.com (http://www.kaser.com)
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@CuriousMarc (/profile/CuriousMarc) wrote...

> Hmm. Yes, those are in there, along with some files named xxx87.
> But when I try to run it (LOAD "TERMEM" then RUN) I get a
> "binary program missing" and a "memory overflow error" and it hangs
> until I restart the machine (reset is not enough). I was attributing
> these errors to trying to run HP87 stuff on an HP85. Maybe it is
> just a corrupt diskette?

Regarding the "memory overflow error," sometimes programs were created
that BARELY fit into memory, and ONLY with a limited set of plug-in
ROMs. Remember, each plug in ROM steals some RAM, sometimes several
hundred bytes of RAM or much more. So, the first thing I'd do is
check your ROM drawer and pull out ALL ROMs except the I/O ROM (for
starters) and see if you still get the memory overflow. Also,
according to the manual, you HAVE to have the 16K memory module
installed. It only requires the I/O ROM, doesn't list any other ROMs.
But, loading it from disk, you will also need the Mass Storage ROM,
so I'd start with ONLY those two plugged in.

For the missing binary program, that's probably IPBIN, and it isn't
getting loaded because there's not enough memory. The TERMEM program
will load IPBIN automatically when you run it, but only it there's
enough memory to run successfully.

Everett

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@CuriousMarc (/profile/CuriousMarc) wrote...

> Does anyone have a copy of the Data Communications Pac for the
> HP 83/85? This HP Computer Museum link claims this is it, but
> when you download the linked Teledisk image file, it actually
> is the one for the HP 86/87. I haven't been able to find the
> image file for the HP 83/85 version.
> HP Computer Museum http://www.hpmuseum.net/display_item.php?sw=9 (http://www.hpmuseum.net/display_item.php?sw=9)

I just dug through a couple of boxes in the attic that I'd gotten a
few years ago from another ex-HP-ite. It DID have a bunch of series
80 Pacs, including the "Series 80 Data Communications Pac". It has
5 1/4" diskettes, and my 5 1/4" drive isn't hooked up right now (I
have to tear a computer apart, plug it in, reconfigure the BIOS, etc),
but there are 2 diskettes, both with that same label, but one is:
 00085-13044 Rev. A Copyright 1981-82 Disc 00083-12057
 (hand-overwritten to Rev. B)
while the other one is:
 00085-13521 Rev. B Copyright 1981-82 Disc 00083-12100

Then, there's a supplement card in the Pac:

===
Data Communications Pac Manual Supplement

This supplement contains updating information for the DATA
COMMUNICATIONS PAC manual, part number 00085-90491, dated Jan 1982.

When the Data Communications Pac is used with an HP Series 80 Personal
Computer that supports an 80-column display, the changes listed in this
supplement apply.

The 80-column display Data Communications Pac consists of the following
programs: TERMEM87, IPBIN87, and GETSAV87. These should be used in
lieu of TERMEM, IPBIN, and GETSAV respectively.
===

It then goes on to list differences the display and keyboard differences
between (as applies to the Data Comm Pac) between the HP-87 and 85.

So, look on the disk image that you downloaded, and see if there
isn't the TERMEM, IPBIN, and GETSAV files. If so, those ARE the
HP-85 Data Comm Pac. When I get a chance to hoop up my 5 1/4" drive
again, I'll copy in those diskettes.

Everett

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03/30/15 (https://groups.io/g/hpseries80/message/599)

@CuriousMarc (/profile/CuriousMarc) wrote...

> Does anyone have a copy of the Data Communications Pac for the
> HP 83/85? This HP Computer Museum link claims this is it, but
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> file for the HP 83/85 version.

> HP Computer Museum http://www.hpmuseum.net/display_item.php?sw=9 (http://www.hpmuseum.net/display_item.php?sw=9)

Are you SURE it doesn't also contain an HP-85 version? The box
simply says "Series 80" (in the picture), not HP-85 or HP-87, so it's
possible it contains versions for both machines. Worth examining
more closely, anyway...

Everett

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03/29/15 (https://groups.io/g/hpseries80/message/598)

Does anyone have a copy of the Data Communications Pac for the HP 83/85? This HP Computer Museum link claims this is it, but when you download
the linked Teledisk image file, it actually is the one for the HP 86/87. I haven't been able to find the image file for the HP 83/85 version.

HP Computer Museum (http://www.hpmuseum.net/display_item.php?sw=9)

HP Computer Museum
(http://www.hpmuseum.net/display_item.php?sw=9)
The museum of HP computers is a collection of HP computing products
introduced between 1966 and 1991. The museum contains: calculators,
desktop computers, computer systems, tape drives, disc drives, plotters,
printers, digitizers and other hardware as well as software, ...

View on **www.hpmuseum.net**

Preview by
Yahoo

Marc

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