

Re: PSPICE, Demo version, Model editor won't "Export to Capture Library"

Source: <http://sci.tech-archive.net/Archive/sci.electronics.design/2005-05/msg00085.html>

- *From:* "Homer.Simpson" <Homer.Simpson@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* 01 May 2005 18:15:05 GMT
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Jim Thompson said

> On 01 May 2005 03:02:55 GMT, "Homer.Simpson"
>>Perhaps the PSPICE Demo Model Editor –CAN– make parts for
>>Schematics, but not makes parts for Capture? <gasp>

> Provide a step-by-step description and I'll try to replicate it
> here on my system (full PSpice v10.3 using Schematics, but I also
> have Capture).

Considering your subtle dislike for capture.... I am very appreciative. ;-)

My troubles are best exemplified by attempting to import a vendors model and subsequently create a part (or symbol) in for Capture.

Let pretend I have the following vendor model on my desktop. It's stored in a file called "D14148x.lib".

```
*****  
..model D1N4148x D(Is=2.682n N=1.836 Rs=.5664 Ikf=44.17m Xti=3  
+ Eg=1.11 Cjo=4p M=.3333 Vj=.5 Fc=.5 Isr=1.565n Nr=2 Bv=100  
+ Ibv=100u Tt=11.54n)  
*****
```

OK, from pg 166 of my PSPICE Users Guide:

Importing an existing model

You can import third-party or vendor-provided Spice models into a format understood by the Model Editor. Importing a model enables editing the model using the Model Editor user interface.

1 Open the Model Editor.

<snip>

2 Open a model library.

From the File menu, choose New or Open.

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{I'll choose NEW since I want to import it, see next step)
3 From the Model menu, choose Import.
4 Select the file containing the model definition and select
Open.
[I rifle down to the desktop until I select 'D14148x.lib'.]

Ok, now the manual discusses "Enabling and disabling automatic parts creation." It states I must enable this feature to create the part. -- This is where the trouble starts.--- It instructs me to do a TOOLS|OPTIONS and set my schematic editor to CAPTURE. When I do this the radio buttons Concept HDL and Capture are grayed out. The only option is Schematics. Hence, I figure the model editor in the Demo version cannot create models for Capture.

Thanks for attempting this. Sorry it's so long.

Regards,

HS

• *Follow-Ups:*

- ◆ ***Re: PSPICE, Demo version, Model editor won't "Export to Capture Library"***
◇ *From:* Charlie Edmondson

• *References:*

- ◆ ***PSPICE, Demo version, Model editor won't "Export to Capture Library"***
◇ *From:* Homer.Simpson
- ◆ ***Re: PSPICE, Demo version, Model editor won't "Export to Capture Library"***
◇ *From:* Jim Thompson

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