

[SLE] PWC webcam-driver

Source: <http://linux.derkeiler.com/Mailing-Lists/SuSE/2005-03/3594.html>

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Date: 03/31/05

Date: Thu, 31 Mar 2005 11:41:58 +0200
To: Suse mailing list <suse-linux-e@suse.com>

Hi,

I downloaded the last version (pwc-10.0.6a) from <http://www.saillard.org/linux/pwc/files/> and tried to compile it for SuSE 9.1 but I get errors.

I installed the kernel sources, did a "make oldconfig" (is make cloneconfig better ?), had to make a link to a symbols file (don't remember exactly).

That's what is output :

```
killap:/home/koenraad/webcam/pwc-10.0.6a # make
make -C /lib/modules/2.6.5-7.151-default/source
SUBDIRS=/home/koenraad/webcam/pwc-10.0.6a modules
make[1]: Entering directory `/usr/src/linux-2.6.5-7.151'
  CC [M] /home/koenraad/webcam/pwc-10.0.6a/pwc-if.o
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c: In function `pwc_isoc_cleanup':
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:937: warning: implicit
declaration of function `usb_kill_urb'
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c: At top level:
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2081: error: parse error
before numeric constant
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2081: warning: type defaults
to `int' in declaration of `module_param'
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2081: warning: function
declaration isn't a prototype
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2081: warning: data
definition has no type or storage class
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2082: error: parse error
before "int"
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2082: warning: type defaults
to `int' in declaration of `module_param'
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2082: warning: function
declaration isn't a prototype
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2082: warning: data
definition has no type or storage class
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2083: error: parse error
before "int"
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2083: warning: type defaults
to `int' in declaration of `module_param'
```

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```
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2083: warning: function
declaration isn't a prototype
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2083: warning: data
definition has no type or storage class
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2084: error: parse error
before "int"
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2084: warning: type defaults
to `int' in declaration of `module_param'
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2084: warning: function
declaration isn't a prototype
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2084: warning: data
definition has no type or storage class
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2085: error: parse error
before "int"
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2085: warning: type defaults
to `int' in declaration of `module_param_named'
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2085: warning: function
declaration isn't a prototype
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2085: warning: data
definition has no type or storage class
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2086: error: parse error
before "int"
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2086: warning: type defaults
to `int' in declaration of `module_param'
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2086: warning: function
declaration isn't a prototype
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2086: warning: data
definition has no type or storage class
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2087: error: parse error
before "int"
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2087: warning: type defaults
to `int' in declaration of `module_param'
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2087: warning: function
declaration isn't a prototype
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2087: warning: data
definition has no type or storage class
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2089: error: parse error
before "int"
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2089: warning: type defaults
to `int' in declaration of `module_param_array'
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2089: warning: function
declaration isn't a prototype
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2089: warning: data
definition has no type or storage class
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2090: error: parse error
before numeric constant
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2090: warning: type defaults
to `int' in declaration of `module_param_array'
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2090: warning: function
declaration isn't a prototype
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2090: warning: data
```

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```
definition has no type or storage class
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2077: warning: `leds_nargs'
defined but not used
/home/koenraad/webcam/pwc-10.0.6a/pwc-if.c:2079: warning:
`dev_hint_nargs' defined but not used
make[2]: *** [/home/koenraad/webcam/pwc-10.0.6a/pwc-if.o] Error 1
make[1]: *** [_module_/home/koenraad/webcam/pwc-10.0.6a] Error 2
make[1]: Leaving directory `/usr/src/linux-2.6.5-7.151'
make: *** [default] Error 2
kllap:/home/koenraad/webcam/pwc-10.0.6a #
```

I googled, but didn't find much. One thing that might help : my gcc is version 3.3.3 (standard installation from DVD). In one message from google, I read that the module should be compiled with the same compiler the kernel had been compiled with. How do I check this ?

Any suggestions, pointers ?

TIA

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Met vriendelijke groeten,
Koenraad Lelong
R&D Manager
ACE electronics n.v.

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