

Re: Device probe issue with an em(4) compatible device

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/hackers/2004-09/0396.html>

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Date: 09/29/04

To: freebsd-hackers@freebsd.org

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On Wed, 2004-09-29 at 13:37, Peter Buckingham wrote:

> *why compile the em driver in at all? it won't probe the device if it*
> *doesn't exist ;-*)

because I need it ...

> *otherwise, just add some code to the em's probe routine to check for*
> *your subvendor, subdevice pair and exit without attaching.*

Well sure (though ugly), but I think having it just return a negative number would be a better fix than that. I was more interested in why the em driver (and others) returns 0 and ends the probing of a device that it could possibly only partially support (based on its matching of PCI_ANY_ID). If I understand DEVICE_PROBE(9) correctly it seems that the whole reason for the negative return scale is to avoid this very issue.

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