

probe ordering of interfaces

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/hackers/2004-08/0285.html>

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Date: 08/29/04

Date: Sun, 29 Aug 2004 16:08:57 +0200 (CEST)

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[please drop me from replies and keep it on the list]

A stupid question, which probably has been covered in the archives somewhere where I'm not looking.

What determines the probe/attach ordering during boot?

Specifically, I want to swap attach order of two devices that end up as umass, and wiring the device will not give the desired result.

More specifically, I want to have firewire (sbp) devices hung onto da* first, and then USB umass devices.

Even more specifically, I have a drive that I either attach via firewire on one machine, or via USB on a different box. I wish this drive to always be da0. I can connect it to a suitably ordered uhub slot in order to guarantee all other USB devices get da1-whatever. However, it seems that umass devices get attached to da* before firewire.

As a result, when this drive is attached via firewire to a machine that has cardreaders and whatnot attached via USB, some other device shows as da0.

If I were to wire sbp0 to be da0 on that machine, then if I were to attach it there via USB1/2, it would never be da0 and my fstab would not match. Therefore, the solution seems to be to give firewire first dibs at da*, where nowadays umass gets first pick.

thanks for the enlightenment
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freebsd-hackers@freebsd.org mailing list

freebsd-hackers: probe ordering of interfaces

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