

## Re: [HEADSUP] naming of tty devices.

**Source:** <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/arch/2004-09/0157.html>

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**From:** Poul-Henning Kamp (*phk\_at\_phk.freebsd.dk*)

**Date:** 09/21/04

To: Bruce M Simpson <bms@spc.org>

Date: Tue, 21 Sep 2004 12:14:35 +0200

In message <20040921100751.GD842@empiric.icir.org>, Bruce M Simpson writes:

>On Mon, Sep 20, 2004 at 09:38:45AM +0200, Poul-Henning Kamp wrote:

>> Other drivers have resorted to various variations of this scheme

>> (if they were copy&pasted from sio.c) or rolled their own private

>> naming system. In other words: it's a pretty mess right now.

>

>I've noticed the third-party software modem drivers in ports have this

>problem. I looked at what it would take if we were to rewrite them as

>uart(4) attachments and was pleasantly surprised to find it'd eliminate

>the reckless forking of sio(4).

>

>However, eliminating the naming inconsistency here can only be a good

>thing; if uart(4) can be kept in sync with these tty changes so much

>the better.

uart is one of our tty drivers and as such it will be part of this.

(That also means that uart drivers will get cua\* and init/lock functionality).

To some extent I'm not entirely sure that lumping anything uart finds into one name-category (ttyu\*) makes sense, but that is a detail decision which can be looked at in the isolated context of uart later.

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Poul-Henning Kamp | UNIX since Zilog Zeus 3.20

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Never attribute to malice what can adequately be explained by incompetence.

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