

Re: netgraph only on i386/ia64 – why ?

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To: Harti Brandt <harti@freebsd.org>

On 17-Aug-2004 Harti Brandt wrote:

> *On Mon, 16 Aug 2004, Bjoern A. Zeeb wrote:*

>

> *BAZ>Hi,*

> *BAZ>*

> *BAZ>It seems netgraph is only build on ia64 and i386.*

> *BAZ>Can someone please explain why ?*

>

> *Until around april I used all the ATM related Ng stuff regularly (this
> include ng_socket, all the stuff under netgraph/atm). I think this should
> just be enabled. Unless build problems have been introduced since then,
> it should just be enabled.*

There is one problem with netgraph on 64-bit platforms. The `ng_msghdr` struct is 52 bytes / 4-byte aligned (see `ng_message.h`). That means the message payload is not well-aligned for 64-bit platforms. It would be nice to fix that (and bump `NG_VERSION`, of course). Nobody ever guaranteed that the message payload would be aligned, but it makes things a lot more convenient.

John

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