

NAME

ng_hub - packet distribution netgraph node type

SYNOPSIS

```
#include <netgraph/ng_hub.h>
```

DESCRIPTION

The **hub** node type provides a simple mechanism for distributing packets over several links. Packets received on any of the hooks are forwarded out the other hooks. Packets are not altered in any way.

HOOKS

A **hub** node accepts any request to connect, regardless of the hook name, as long as the name is unique.

CONTROL MESSAGES

This node type supports the generic control messages, plus the following:

NGM_HUB_SET_PERSISTENT (**setpersistent**)

This command sets the persistent flag on the node, and takes no arguments.

SHUTDOWN

This node shuts down upon receipt of a NGM_SHUTDOWN control message, or when all hooks have been disconnected. Setting the persistent flag via a NGM_HUB_SET_PERSISTENT control message disables automatic node shutdown when the last hook gets disconnected.

SEE ALSO

netgraph(4), ng_bridge(4), ng_ether(4), ng_one2many(4), ngctl(8), nghook(8)

HISTORY

The **ng_hub** node type appeared in FreeBSD 5.3.

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