#### **NAME**

ng\_gif\_demux - demultiplexer for packets from ng\_gif(4) nodes

### **SYNOPSIS**

#include <netgraph/ng\_gif\_demux.h>

### DESCRIPTION

The **ng\_gif\_demux** netgraph node type demultiplexes the output from ng\_gif(4) nodes in the netgraph(4) networking subsystem.

The gif hook is meant to be connected to the lower or orphans hook of an ng\_gif(4) node. The inet, inet6, atalk, ipx, atm, natm, and ns hooks output frames of the given type when they are received on the gif hook. When a frame is received on one of these hooks, it is encapsulated and sent out the gif hook.

### HOOKS

This node type supports the following hooks:

gif Connection to the lower or orphans hook of an ng\_gif(4) node.

inet Hook for input and output of IP frames.

inet6 Hook for input and output of IPv6 frames.

atalk Hook for input and output of AppleTalk frames.

ipx Hook for input and output of IPX frames.

atm Hook for input and output of ATM frames.

natm Hook for input and output of NATM frames.

ns Hook for input and output of NS frames.

## CONTROL MESSAGES

This node type supports only the generic control messages.

# **SEE ALSO**

gif(4), netgraph(4), netintro(4), ng\_gif(4), ifconfig(8), ngctl(8), nghook(8)

### **AUTHORS**

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