

NAME

Router – OpenLCB Router Daemon (Server) Routes between OpenLCB GridConnect/CAN and binary OpenLCB over Tcp/Ip

SYNOPSIS

```
Router [-bhost localhost] [-bport 12000] [-cmode Tcpip|Socket|USB] [-chost localhost] [-cport 12021]
[-csocket can0] [-cdevice /dev/ttyACM0] [-nid 05:01:01:01:22:00] [-log Router.log] [-debug] [-nodename
"] [-nodedescription "]
```

DESCRIPTION

This program is a server daemon that implements a router between an OpenLCB/CAN segment and a native OpenLCB over Tcp/Ip network.

PARAMETERS

none

OPTIONS

- -bhost The binary OpenLCB over Tcp/Ip host to connect to.
- -bport The tcp port to connect with.
- -cmode The CAN If mode: Tcpip means GridConnect over Tcp/Ip, Socket means use a CAN famile Socket (Linux only) (using the TclSocketCAN API), and USB means using a USB Serial port connection using GridConnect (such as a RR-CirKits USB Buffer-LCC).
- -chost The GridConnect over Tcp/Ip host to connect to (only when -cmode is Tcpip).
- -cport The tcp port to connect with (only when -cmode is Tcpip).
- -csocket The CAN socket name (only when -cmode is Socket).
- -cdevice The tty device to connect to (only when -cmode is USB).
- -nid The OpenLCB Node ID for the router.
- -log The file to use for logging.
- -debug Enable debugging messages.
- -nodename The name of this router node.
- -nodedescription The description of this router node.

AUTHOR

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