

## PMC825 Driver Library

### Directories

Directory	Description
Api	Contains the API source code used for creating libPmc825.dll
Examples	Contains some examples how to use the libPmc825.dll library
include	Contains all necessary include files
bin.linux32, bin.linux64	Contains all libraries and executables for Linux 32/64 Bit
bin.win32, bin.x64	Contains all libraries and executables for Windows 32/64 Bit

The library libPmc825.dll contains all necessary functions for connecting, reading and writing the CANflight interface. Applications need to add libPmc825.lib to their linker options.

Example programs:

#### pmc825write.exe

opens the CANflight interface and writes cyclic messages to the CAN Bus.

usage: pmc825write.exe host\_ip pmc825\_ip can\_channel

#### pmc825read.exe

opens the CANflight interface and reads messages from the CAN Bus.

usage: pmc825read.exe host\_ip pmc825\_ip can\_channel

host_ip	The IP address of the host. This address is used by the CANflight interface to send messages back to the host
pmc825_ip	The IP address of the CANflight interface
channel	The CAN channel of the CANflight interface [0..1]

Sample configuration and test:

Host IP: 192.168.1.10  
CANflight IP: 192.168.1.20

Both channels are connected together and are terminated.

open 2 shells and start the example programs:

pmc825write.exe 192.168.1.10 192.168.1.20 0  
and

pmc825read.exe 192.168.1.10 192.168.1.20 1

Messages are sent from channel 0 to channel 1 and should be displayed in the second shell.