

Gryphon® Example page

The following resources are available.

- [Sample Applications](#).
- [Code Examples](#).
- [Application Notes](#).
- [Free Network Protocol Analyzer Tool](#).

Sample Applications

- [Gryphon® Sample Applications](#) : The following examples (written both in C and C++) are included in a zip file. Each example includes a 'Readme' file. All examples are described in the code. **Note:** Unzip the file so the paths are re-created. (ZIP, 412K)

These sample names are also the names of the directories in the attached zip file. The 'cdll' folders contain code using our Gryphon® C DLL. The 'cppdll' folders contain code using our Gryphon® C++ DLL. Each folder contains a 'ReadMe' file.

1. **sendrecv**. Transmit/receive on CAN using receive polling.
 2. **sendrecvwithcallback**. transmit/receive on CAN using callback method.
 3. **filter**. Filter CAN messages.
 4. **periodictx**. Set up periodic messages.
 5. **periodictxandupdate**. Set up periodic messages, new update periodic message feature is utilized which allows you to update a periodic message without having to start/stop the scheduler.
 6. **kwp2000**. KWP2000/ISO9141 testing application. Supports 5 baud init, carb init, or fast init. Also supports all 4 KWP2000 header modes.
 7. **kwp2000fordiso**. Sample code for Ford ISO9141.
 8. **linsendrecv**. LIN/CAN send/receive sample.
 9. **usdt**. CAN ISO15675 USDT transport layer example.
 10. **scisendrecv**. Transmit messages for DCX SCI card.
- **Visual Basic Sample Applications:**

The following examples (written in Visual Basic) are included in a zip file. All examples are described in the code.

Note: The Installation of the Gryphon Library is required for these examples. [Follow this link to download it.](#)

1. [Gryphon library Visual Basic application](#). Application Note [here](#).

2. [Example of how to use the Gryphon I/O Card with Visual Basic.](#) Application Note[here](#).

These sample names are also the names of the directories in the attached zip file. The 'cdll' folders contain code using our Gryphon® C DLL. The 'cppdll' folders contain code using our Gryphon® C++ DLL. Each folder contains a 'ReadMe' file.

Code Examples

- [Unix client example source code \(TGZ, 29K\)](#) [Windows client example source code \(ZIP, 42K\)](#)
- [C header files \(TGZ, 14K\)](#)
- [Example use of CMD_CARD_TX & FT_DATA to transmit messages.](#)
- [Example of setting filters using the Gryphon® Protocol.](#)
- [How to setup a responder example written in C.](#)
- [How to setup a responder example written in Perl.](#)
- [How to send a message to the Gryphon® scheduler example.](#)
- [UBP FT_DATA frame layout example.](#)
- [How to turn off the TCP delay in a LabWindows client application.](#)
- [How to add new programs to the Gryphon® menus.](#)
- [Example program using the Gryphon® LCD & Keypad.](#)
- [Example of Receiving Standard and Extended CAN frames using Visual Basic and the Gryphon® DLL.](#)
- [Example of Transmitting Standard vs. Extended CAN frames using Visual Basic and the Gryphon® DLL.](#)
- [Example of Changing bus speeds using Visual Basic and the Gryphon® DLL.](#)
- [Example of sending GMLAN SWCAN High-voltage Wakeup Message using Visual Basic and the Gryphon® DLL.](#)

Application Notes

- [Loop Back Connector Application Note for select Gryphon® cards. \(PDF, 118K\)](#)
- [Gryphon® timestamp example.](#)
- [What is the relation between the Gryphon® timestamp and real time?](#)
- [How to Initialize ISO9141 for Ford using IOCTLs.](#)
- [How to send IFRs with DCX module using IOCTLs.](#)
- [How to send IFRs with HBCC \(SCP\) module using IOCTLs.](#)
- [How to change the termination for an SJA1000 card.](#)
- [Using and Programming Gryphon for Engineers and Programmers](#)
- [Part 2: Using and Programming Gryphon for Engineers and Programmers](#)

Free Network Protocol Analyzer Tool

- [Wireshark Network Analyzer](#) : Free network protocol analyzer for Unix & Windows. A very useful tool for developing client applications, which allows you to decode the TCP/IP data stream.

J2534 Related

Examples

The DG Technologies J2534 SDK

- The scope of this utility is to help user develop a J2534-based application compliant to 04.04 specification.
- [Installation application](#) (EXE, 313K).
- The source code for the utility is located under "C:\J2534 SDK\Source Code" (default installation directory "C:\J2534 SDK") and can be used for reference while developing an application.
- The executable can be created by compiling the source code with Microsoft Visual C++ 6.0 or later.
- This application is designed to communicate with any DG Technologies J2534-based products. One of these DG products need to be properly installed for this application (or a user created version) to be usable: VSI-2534 or one of the Gryphon Family tools.