

HS XMODEM 1.1 – XMODEM Protocol C SOURCE LIBRARY

Overview: HS XMODEM is a software library in C (supplied with full source code) that provides a programmer with the off-the-shelf support for XMODEM protocol data transfer capability. Support for both sender and receiver are provided. Other features include 1024 block size vs 128, CRC vs checksum, configurable timers and retries.

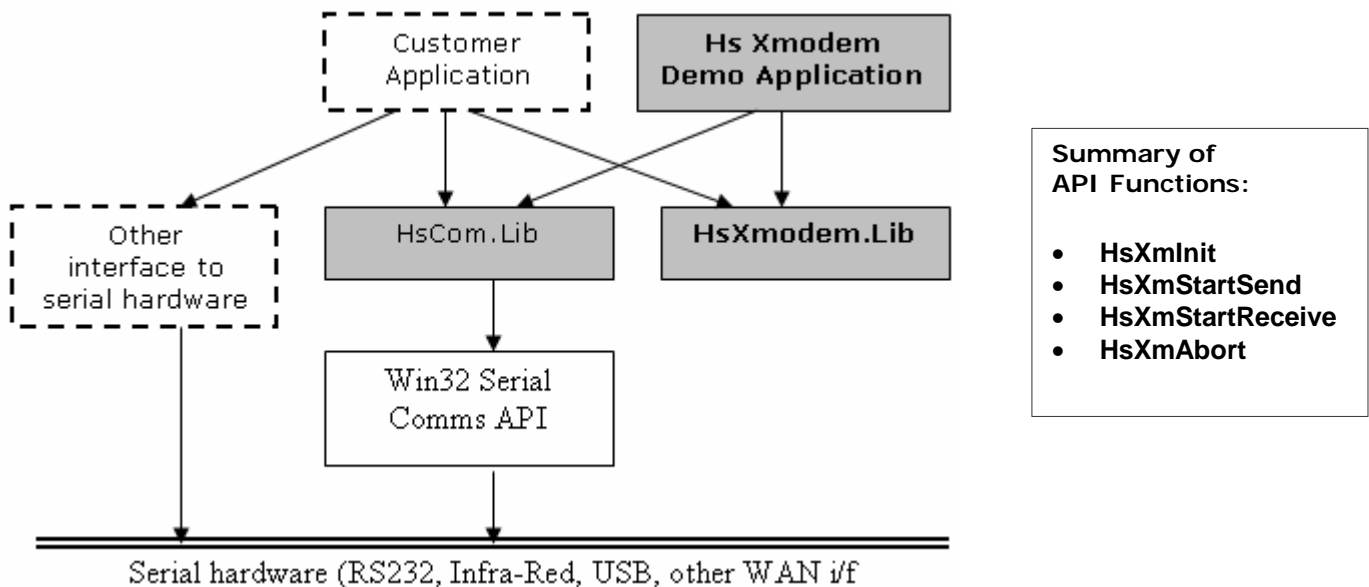
Benefits:

- Facilitates the development of XMODEM file transfer related features
- Shortens time-to-market of your product
- Frees-up development resources from tedious coding and allows their re-direction to core development
- Easy integration into PC based or embedded environment

Features:

- Xmodem Sender and Receiver
- 128 and 1024 block size
- Checksum and CRC option
- Configurable timers

HS XMODEM Library Architecture: The library was developed using C language and has a flexible modular design for easy integration onto any platform:



How it works: When user application initialises HsXmodem library, it provides interface callbacks for the services used by Xmodem protocol module: timer management, serial transmission and reception, memory management, event callbacks. This architecture makes it easy to port Xmodem protocol module to any environment

Xmodem module handles all protocol information flow, error recovery, acknowledgements, timeouts and so on. When it is appropriate to send next block of data Hs Xmodem will get next memory block from user application. Similarly, when data has been received Hs Xmodem module will get the next block of memory from user application to store data into

As a backup or an alternative to TFTP, Xmodem is often used in embedded devices and appliances for the purpose of software or configuration upgrade or retrieval

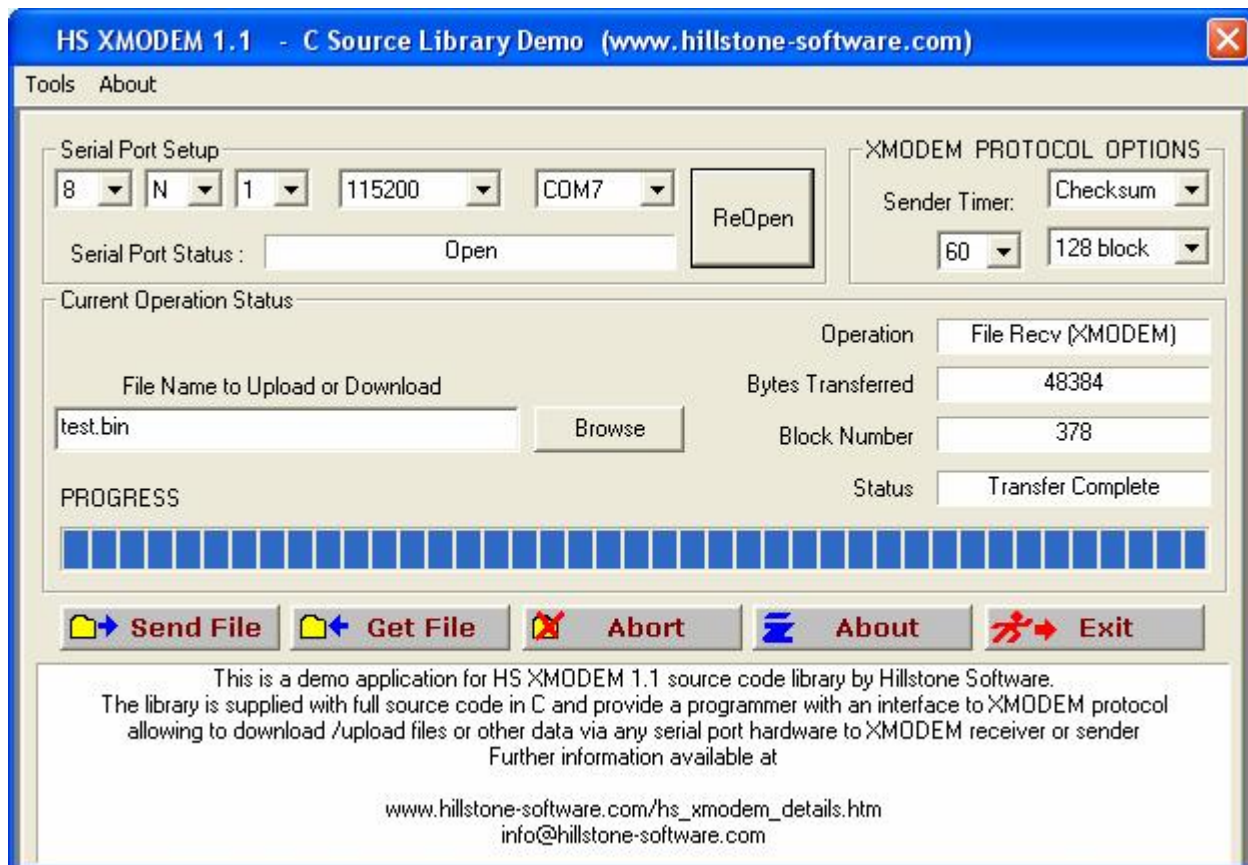
HOW TO BUY HS XMODEM LIBRARY:

You can purchase the library online using credit card payment at:
http://www.hillstone-software.com/hs_xmodem_buy.htm

The library currently costs EUR 150.00 for unlimited user license. Once the purchase is made you will receive download link by email to download full product deliverables, which include:

- HS XMODEM library binaries. (Win32 static library)
- HS XMODEM library full source code in C with MS Visual C project workspace
- HS XMODEM Demo Application binaries, full source code and MS Visual C project workspace.
- HS XMODEM library user manual, which documents in detail complete library API.

HS XMODEM Library DEMO Application: The HS XMODEM product is supplied with full C source code and a fully functional Demo Application for Win32 platforms: http://www.hillstone-software.com/hs_xmodem_demo.exe



HOW TO CONTACT HILLSTONE SOFTWARE:

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