SFML

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[Classes](#_gjdgxs)

Network module

Socket-based communication, utilities and higher-level network protocols (HTTP, FTP). [More...](#30j0zll)

| Classes | |
| --- | --- |
| class | [sf::Ftp](http://docs.google.com/classsf_1_1Ftp.htm) |
|  | A FTP client. [More...](http://docs.google.com/classsf_1_1Ftp.htm#details) |
|  | |
| class | [sf::Http](http://docs.google.com/classsf_1_1Http.htm) |
|  | A HTTP client. [More...](http://docs.google.com/classsf_1_1Http.htm#details) |
|  | |
| class | [sf::IpAddress](http://docs.google.com/classsf_1_1IpAddress.htm) |
|  | Encapsulate an IPv4 network address. [More...](http://docs.google.com/classsf_1_1IpAddress.htm#details) |
|  | |
| class | [sf::Packet](http://docs.google.com/classsf_1_1Packet.htm) |
|  | Utility class to build blocks of data to transfer over the network. [More...](http://docs.google.com/classsf_1_1Packet.htm#details) |
|  | |
| class | [sf::Socket](http://docs.google.com/classsf_1_1Socket.htm) |
|  | Base class for all the socket types. [More...](http://docs.google.com/classsf_1_1Socket.htm#details) |
|  | |
| class | [sf::SocketSelector](http://docs.google.com/classsf_1_1SocketSelector.htm) |
|  | Multiplexer that allows to read from multiple sockets. [More...](http://docs.google.com/classsf_1_1SocketSelector.htm#details) |
|  | |
| class | [sf::TcpListener](http://docs.google.com/classsf_1_1TcpListener.htm) |
|  | [Socket](http://docs.google.com/classsf_1_1Socket.htm) that listens to new TCP connections. [More...](http://docs.google.com/classsf_1_1TcpListener.htm#details) |
|  | |
| class | [sf::TcpSocket](http://docs.google.com/classsf_1_1TcpSocket.htm) |
|  | Specialized socket using the TCP protocol. [More...](http://docs.google.com/classsf_1_1TcpSocket.htm#details) |
|  | |
| class | [sf::UdpSocket](http://docs.google.com/classsf_1_1UdpSocket.htm) |
|  | Specialized socket using the UDP protocol. [More...](http://docs.google.com/classsf_1_1UdpSocket.htm#details) |
|  | |
| class | [sf::Ftp::DirectoryResponse](http://docs.google.com/classsf_1_1Ftp_1_1DirectoryResponse.htm) |
|  | Specialization of FTP response returning a directory. [More...](http://docs.google.com/classsf_1_1Ftp_1_1DirectoryResponse.htm#details) |
|  | |
| class | [sf::Ftp::ListingResponse](http://docs.google.com/classsf_1_1Ftp_1_1ListingResponse.htm) |
|  | Specialization of FTP response returning a filename lisiting. [More...](http://docs.google.com/classsf_1_1Ftp_1_1ListingResponse.htm#details) |
|  | |
| class | [sf::Ftp::Response](http://docs.google.com/classsf_1_1Ftp_1_1Response.htm) |
|  | Define a FTP response. [More...](http://docs.google.com/classsf_1_1Ftp_1_1Response.htm#details) |
|  | |
| class | [sf::Http::Request](http://docs.google.com/classsf_1_1Http_1_1Request.htm) |
|  | Define a HTTP request. [More...](http://docs.google.com/classsf_1_1Http_1_1Request.htm#details) |
|  | |
| class | [sf::Http::Response](http://docs.google.com/classsf_1_1Http_1_1Response.htm) |
|  | Define a HTTP response. [More...](http://docs.google.com/classsf_1_1Http_1_1Response.htm#details) |
|  | |

## Detailed Description

Socket-based communication, utilities and higher-level network protocols (HTTP, FTP).

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