

# fsockopen

WMPRO, WMMINI FW >= 1.0 WMMEGA FW >= 2.0

Open an internet socket connection with optional timeout

## Description

`int fsockopen ( string $host, int $port [, int $timeout ] )`

Attempts to create a socket to a remote host using the protocol specified, and return the file handle for future operations. By default a TCP/IP connection will be initiated. If a UDP connection is required prefix the host name with `udp:` (lower case). The socket will be opened in blocking mode.

====Parameters==== `<html><span style="color:blue;"><b>host</b></span style="color:black;"></html>`: Host name or IP address of server to connect to `<html><span style="color:blue;"><b>port</b></span style="color:black;"></html>`: Port number `<html><span style="color:blue;"><b>timeout</b></span style="color:black;"></html>`: Connection timeout in seconds, optional (if not specified the system wide setting in `[os:config:uphp.ini]` will be used).

====Return Value==== Upon success it returns a file handle which may be used together with the other file functions that require a handle such as `fgets()`, `fwrite()`, `fclose()` and `feof()` If the attempt to open the connection fails it will return 0

====Example==== **Create a connection to [www.example.com](http://www.example.com) and display the response:** `<code php> <? $fp=fsockopen("www.example.com",80,30); if (!$fp) { print("Socket open failed"); } else { $out="GET / HTTP/1.1\r\n"; $out.="Host: www.example.com\r\n"; $out.="Connection: Close\r\n\r\n"; fwrite($fp,$out); while (!feof($fp)) { echo(fgets($fp,128)); } fclose($fp); } ?> </code>` **See Also**==== `fseropen()` - Open the serial port at the specified baud rate with optional parameters `f485open()` - Open the RS-485 port as a stream `fopen()` - Open a file for reading or writing `fclose()` - Close a file, stream or socket `feof()` - Test if no more data is available in a file or stream `fgets()` - Return a single line from a file or stream, with optional size limit `fread()` - Return bytes from a file or stream `fwrite()` - Write data to a file or stream

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