

# 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

**\$host**: Host name or IP address of server to connect to

**\$port**: Port number

**\$timeout**: Connection timeout in seconds, optional (if not specified the system wide setting in `uphp.ini` will be used).

## Return Value

**Integer**: File handle, or 0 if the attempt to open the connection fails

The file handle may be used together with the other file functions that require a handle such as `fgets()`, `fwrite()`, `fclose()` and `feof()`

## Example

### Create a connection to `www.example.com` and display the response

```
<?
$fp=fsockopen("www.example.com",80,30);
if (!$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);  
}  
?>
```

## See Also

[fopen\(\)](#) - Open a file for reading or writing

[fseropen\(\)](#) - Open the serial port at the specified baud rate with optional parameters

[f485open\(\)](#) - Open the RS-485 port at the specified baud rate and parity

[fread\(\)](#) - Read bytes from a file, stream or socket

[fgets\(\)](#) - Return a single line from a file, stream or socket, with optional size limit

[fwrite\(\)](#) - Write data to a file, stream or socket

[feof\(\)](#) - Test if no more data is available in a file, stream or socket

[filesize\(\)](#) - Return the size of a file, or the number of unread bytes in a stream or socket

[fseek\(\)](#) - Position the file pointer in an open file

[ftell\(\)](#) - Return the current position of a file read/write pointer

[fclose\(\)](#) - Close a file, stream or socket

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