

f485open

WMPRO, WMMINI FW $\geq$ 1.922 WMMEGA FW $\geq$ 2.0

Open the RS-485 port at the specified baud rate and parity

Description

```
int f485open ( int $baud, int $parity )
```

Attempt to open the RS-485 port as a stream, and return the file handle for future operations

In order to use the RS-485 port, you need to disable modbus polling (see [Using the RS-485 Serial Port](#)).

Parameters

baud: Rate in bits per second

parity: 0 (even parity) or 1 (odd parity)

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 RS-485 port fails it will return 0

Example

Open the 485 port at 115200 baud with even parity:

```
<?
$fp=f485open(115200,0);
if ($fp) {
    $res=fwrite($fp,"Hello from wattmon");
    if ($res) {
        print("An error occurred while trying to write to the port");
    }
    fclose($fp);
} else {
    print("Serial open failed");
}
```

[?>](#)

See Also

[Serial Port Programming](#) - Some information on connecting and using the serial ports

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

[fsockopen\(\)](#) - Open an internet socket connection with optional timeout

[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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