

# fopen

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

Open a file for reading or writing

## Description

```
int fopen ( string $filename, string $mode )
```

Attempt to open a file (or special stream) for reading or writing, and return the file handle for future operations

## Parameters

**\$filename**: If a path is omitted, the current directory will be used to search for the file. Relative paths are supported. Two special file names will open specific streams instead:

- 'php://stdin' - This will open a stream that will accept characters from a telnet console, allowing for interactive applications responding to keystrokes, when using mode 'r'
- 'php://stdout' - This will send output characters to the standard output device, such as a telnet console, when using mode 'w'

**\$mode**: The following strings are supported:

- 'r' - Open the file (or stream) in read-only mode
- 'w' - Open the file (or stream) in write mode, which will overwrite the file
- 'a' - Open the file in append mode for writing, which will open the file and move the pointer to the end of the file

## Return Values

**Integer**: File handle, or 0 if the attempt to open the file or stream 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

```
<?
$f=fopen("/index.cgi","r");
if ($f) {
    print("File opened successfully");
    fclose($f);
}
```

```
} else {  
    print("File open failed");  
}  
?>
```

## See Also

[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

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

[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

[tar\\_put\(\)](#) - Add a file to an open file in TAR format

[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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