

Release Notes for MPLAB® Code Configurator's File System Library v1.1.0

1 What is MPLAB Code Configurator's File System Library

The File System library provides access to the FatFs file system library v1.1.0 and SD Card library v1.1.0.

FatFS is a generic FAT file system developed outside of Microchip Technology Inc. available through an open source license. It provides functions to writing to physical media devices that use the FAT file system, a common file system used on removable media devices like multi-media cards or USB memory sticks. For more information regarding FatFs including module settings documentation, FatFs application notes, and file system API documentation please visit the FatFs Home page.

http://elm-chan.org/fsw/ff/00index_e.html

2 System Requirements

- MPLAB® X IDE v5.40 or later
- XC8 compiler v2.20 or later
- XC16 compiler v1.50 or later
- XC32 compiler v2.15 or later
- MCC Plugin Version 4.0.0 or later
- Foundation Services Library v0.2.2 or later

3 Installing MPLAB® Code Configurator File System Library

Basic steps for installing MPLAB® Code Configurator needs to be installed as below.

To install the MPLAB® Code Configurator Plugin:

1. In the MPLAB® X IDE, select **Plugins** from the Tools menu
2. Select the **Available Plugins** tab
3. Check the box for the MPLAB® Code Configurator v3, and click on **Install**

To install the MCC File System Library 1.1.0:

1. Download **filesystem-v1.1.0.mc3lib** from microchip website.
2. In the MPLAB® X IDE, select **Options** from the **Tools** menu (**Preferences** menu on MAC)
3. Select **Plugins** tab
4. Click on **Install Library**
5. Add **filesystem-v1.1.0.mc3lib**
6. Restart MPLAB® X IDE

To load different peripheral library version:

1. Open MPLAB® Code Configurator from the Tools menu
2. In Versions tab under File System Library, find the multiple library version (loaded version is indicated by the green check)
3. Right Click on the required version of the library and select Mark for load
4. Click on Load Selected Libraries button to load the library

4 What's New

5 Repairs and Enhancements

| # | Issue | Description | Device(s) |
|---|------------|--|-------------------|
| 1 | MCC_FS-103 | Name space collision between FatFS for devices with DIR registers. | 8-Bit Parts w USB |

6 Known Issues

| # | Issue | Description | Device(s) |
|---|------------|---|-------------|
| 1 | MCC_FS-110 | SD-card driver broken for multi-sector reads/writes | All Devices |

7 Frequently Asked Questions

For frequently asked questions, please refer to the FAQ post on the [MCC Forum](http://www.microchip.com/forums/f293.aspx) (<http://www.microchip.com/forums/f293.aspx>)

8 Supported Families

The MCC File System Library supports the following families. The full list of devices is in Section

Appendix: Supported Devices

8.1.1 8 bit Families

Supports all devices supported by latest pic10-pic12-pic16-pic18 library

8.1.2 16 bit Families

Supports all 16-bit devices supported by latest pic24-dspic33-pic32mm library

8.1.3 32 bit Families

Only supports PIC32MM devices supported by latest pic24-dspic33-pic32mm library

9 Customer Support

9.1 The Microchip Web Site

Microchip provides online support via our web site at <http://www.microchip.com>. This web site is used as a means to make files and information easily available to customers. Accessible by using your favorite Internet browser, the web site contains the following information:

- Product Support – Data sheets and errata, application notes and sample programs, design resources, user's guides and hardware support documents, latest software releases and archived software
- General Technical Support – Frequently Asked Questions (FAQs), technical support requests, online discussion groups/forums (<http://forum.microchip.com>), Microchip consultant program member listing
- Business of Microchip – Product selector and ordering guides, latest Microchip press releases, listing of seminars and events, listings of Microchip sales offices, distributors and factory representatives

9.2 Additional Support

Users of Microchip products can receive assistance through several channels:

- Distributor or Representative
- Local Sales Office
- Field Application Engineering (FAE)
- Technical Support

Customers should contact their distributor, representative or field application engineer (FAE) for support. Local sales offices are also available to help customers. A listing of sales offices and locations is available on our web site.

Technical support is available through the web site at: <http://support.microchip.com>

10 Appendix: Supported Devices

The MCC File System Library supports the following devices.

10.1.1 8 bit Devices

- Supports all devices supported by latest pic10-pic12-pic16-pic18 library

10.1.2 16 bit Devices

- Supports all 16-bit devices supported by latest pic24-dspic33-pic32mm library

10.1.3 32 bit Devices

- PIC32MM0064GPL036 (<http://www.microchip.com/PIC32MM0064GPL036>)
- PIC32MM0256GPM064 (<http://www.microchip.com/PIC32MM0064GPM064>)