Software Tool Installation

1.       Integrated Development Environment: Download MPLAB X from<http://www.microchip.com/mplab/mplab-x-ide>. Click the Downloads tab and download the latest version for your PC (Windows, Linux or Mac). Note that the file is large (~500 MB) and will take some time. Run the downloaded file to install the program.

2.       C compiler: Download the XC32 C compiler from<http://www.microchip.com/mplab/compilers>. Click the Downloads tab and download the latest version for your PC (Windows, Linux or Mac). Run the downloaded file to install the program.

3.       Integrated Software Framework: Download MPLAB Harmony from<http://www.microchip.com/mplab/mplab-harmony>. Click the **Archived Downloads** tab and download version 1.07 for your PC (Windows, Linux or Mac). Note that the file is large (~500 MB) and will take some time. Run the downloaded file to install the program.

**Android Application Installation**

1.       Using the phone’s browser, navigate to [https://docs.creatordev.io](https://docs.creatordev.io/). Select the chipKIT WiFire.

2.       Use the menu on the left to select “WiFire Quick Start Guide”.

3.       Scroll down into the “Creator Wi-Fire App” section to find the link “Creator WiFire mobile app apk for Android Devices”. Select that link to download the apk file.

4.       Android may warn about downloading the file, but accept the download.

5.       After the download is complete, confirm that you wish to extract the app from the file. If the phone does not automatically offer to extract the file, you can find it using My Files in Device Storage -> Download. Select the file to extract the app.

6.       After the app has been extracted, you will be able to run it.

If you do not have an Android phone, a community phone will be available at the workshop for demonstration and sharing.  We look forward to seeing you at the workshop.

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