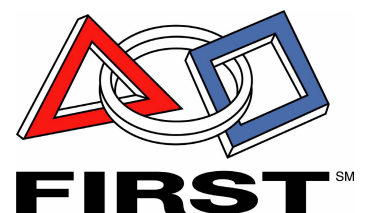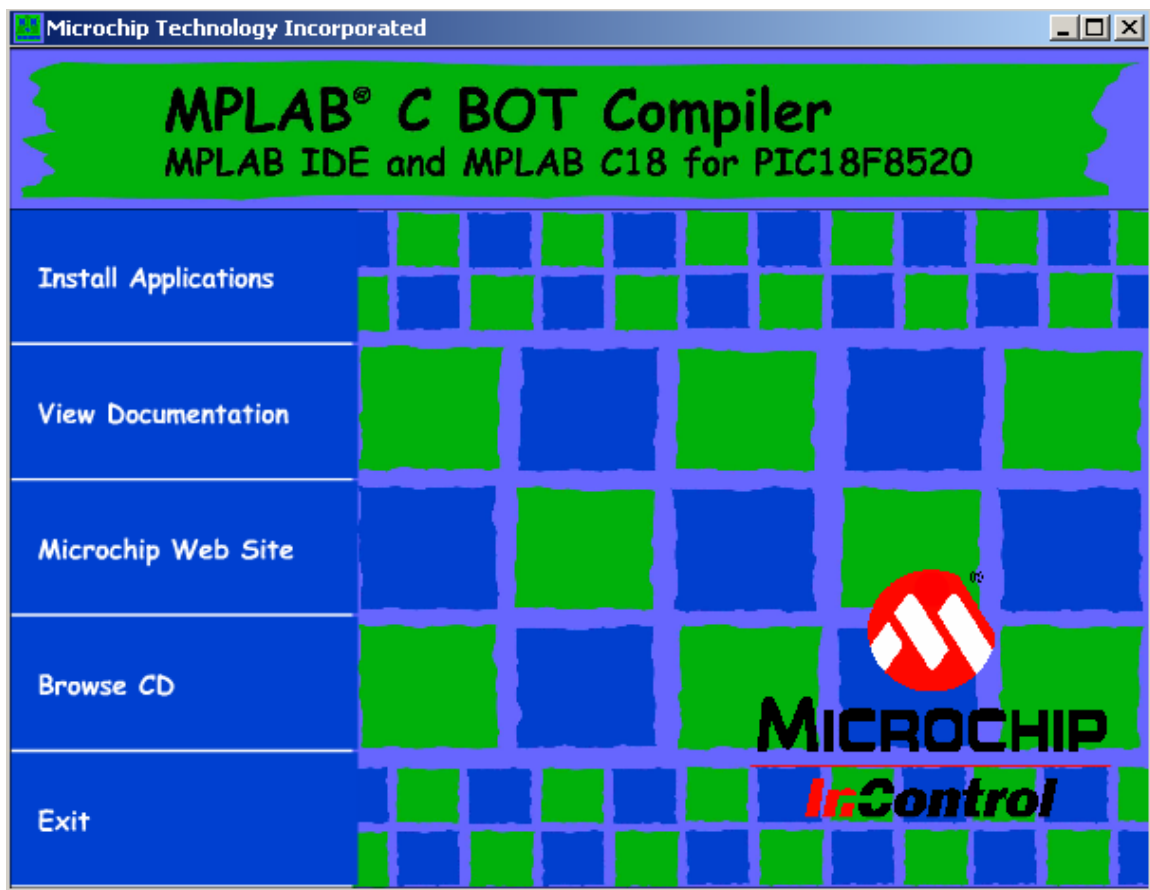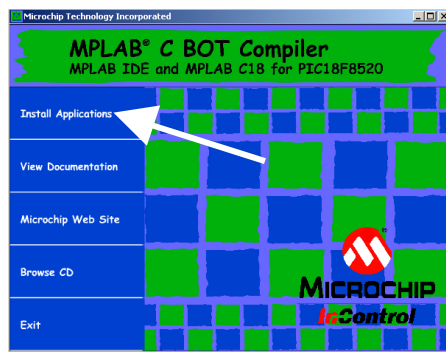# Innovation First, Inc.

## C-BOT Software Installation Guide
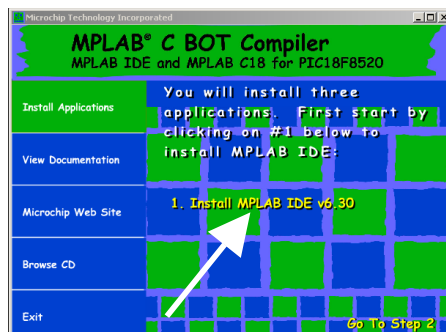
1. **Begin the installation**
    a. Check PC System Requirements
        i. Hardware:
            1. Pentium class processor
            2. 32MB RAM (128MB recommended)
            3. 85MB of free hard-disk space
        ii. Supported Operating Systems:
            1. Windows 98 SE
            2. Windows ME (Microchip MPLAB only; IFI Loader will not work on ME)
            3. Windows NT 4.0 SP6a Workstations (NOT Servers)
            4. Windows 2000 SP2 or higher
            5. Windows XP Home and Professional
    b. Reboot your PC.
    c. Insert the C-BOT CD into PC's CD-ROM drive.
    d. Setup should automatically run, but if not:
        i. Click on the "Start" menu and select "Run".
        ii. Click "Browse…", find SetupCbot.exe, and click "OK".
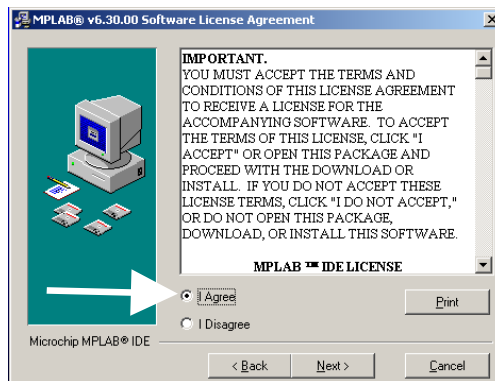    e. Click on "Install Applications" in the interface.



2. **Install MPLAB IDE v6.30**
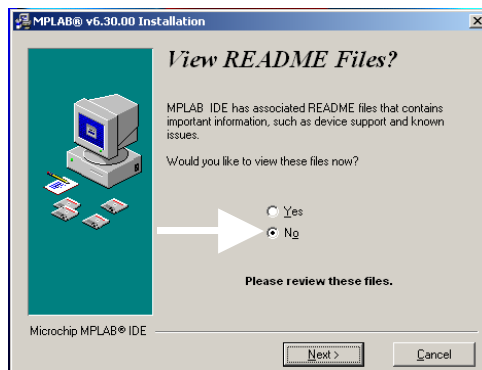    a. Click on "1. Install MPLAB IDE v6.30" in the interface.



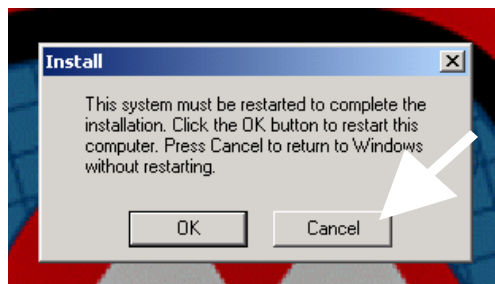    b. Click "Next >", then "Install >", then "Next >".

c.  Select "I Agree" and click "Next >".



d.  Click "Next >" five times until installation begins.

e.  Wait for installation to finish and progress bar to disappear.

f.  NOTE:  If you have previously installed MPLAB IDE on your computer, you might see two messages titled "Update Tool Path".  If so you should click "Yes" for both messages.

g.  Select "No" and click "Next >".
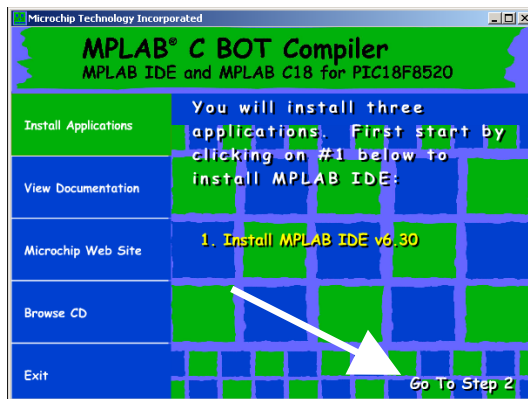


h.  Click "Next >", then "Continue", then "Finish".

i.  Wait for web browser windows to open.  Ignore them.

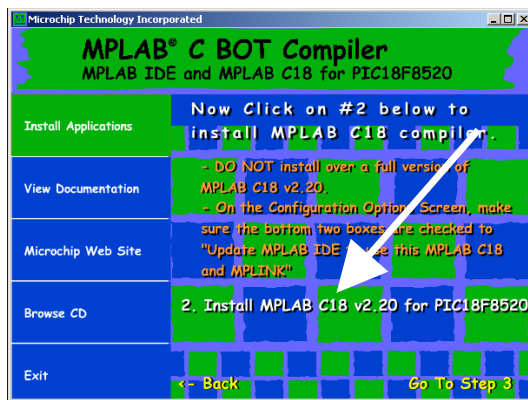j.  If the following window appears, click "Cancel".  You do not want to reboot yet.



k.  Close the web browser windows, ignoring their contents.
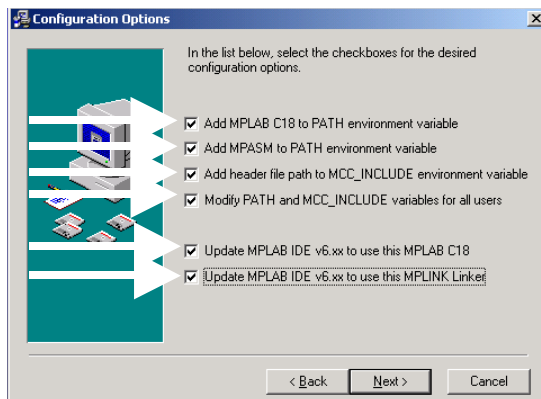
l.  Click "Finish >".

**3. Install MPLAB C18**

    a. Click on "Go To Step 2" in the lower right corner of the interface.

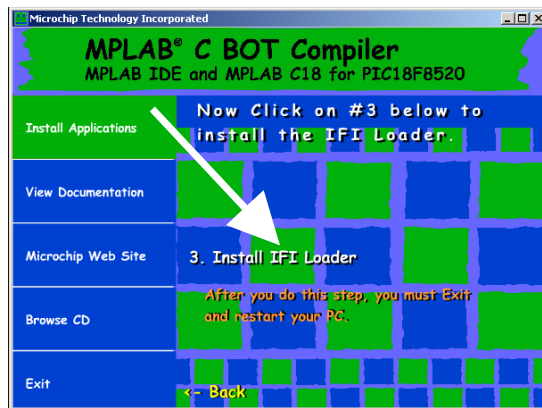

    b. Click on "Install MPLAB C18 v2.20 for PIC18F8520".



    c. Click "Next >" four times.

    d. Click to put checkmarks in all of the checkboxes:
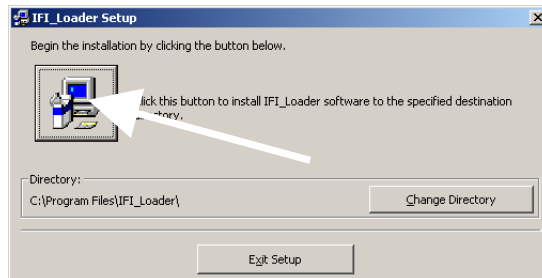


    e. Click "Next >" twice.

    f. Wait for installation to finish and progress bar to disappear.

    g. Click "Finish >".

    h. If a window appears asking you to reboot, click "Cancel" and do not reboot yet.

4.  **Install IFI Loader**

    a.  Click on "Install IFI Loader".

    

    b.  Click "OK".

    c.  Click on the large button in the upper left corner with a picture of a computer.

    

    d.  Click "Continue".

    e.  Click "OK".

    f.  Click "Exit" in the lower left corner of the interface.

5.  **Reboot your PC.**


NOTE: For instructions on using the installed software to program your IFI Robot Controller, please refer to the 2004 Programming Reference Guide available from www.InnovationFirst.com.