Coding: Getting Started Guides, Tips, & Cheat Sheets

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Joined Jan 21, 2008 - 1,000 Posts

Posted on Jul 17, 2008 at 10:17 AM (#1)

Guides and tips for Microchip mentioned that have contributed to this thread. Specifically: SmartSwitcher and Newmarker stand out for helping to create this thread.

What is Included:

1. What is Coding
2. Coding Tutorials
3. Connecting to Hardware
4. Cheat Sheets & Abbreviations
5. Useful Tools

NOTE: Links are in BLUE and pictures are links to larger images.

NOTE2: See the Wiki for additional tips.

1. What is Coding:

Coding is not a mysterious, Neither any programming language (eg. C++ or Python) knowledge is necessary; nor software knowhow; instead, as way to use, graphical user interface (GUI) is used to customize settings in a program. Coding is a process of creating a set of instructions that tell a computer how to perform a task or a series of tasks to achieve. If you have ever completed a task that consisted of following a series of instructions, you have the skills, and MOST-great, watching you skills before you proceed. Many writing forum experts will assist you.

2. Coding Tutorials:

2.a Coding Beginner Started Documents (Updated 06/07/09):

- Within the main directory, open the file "Start Here.html", or, if coding in a text of pictorial, Table of Contents and Quicking PDF information below.
- Open the file "Quicking Tutorial" or "Editors and Glossary" & "How to Change Menus Values".
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Three short, pictorial, step by step tutorials that will help familiarize you with X-ray terminology & GUI

Tutorial 1 - Tutorial 2 - Tutorial 3 - Tutorial 4 - Tutorial 5 - Tutorial 6 - Tutorial 7 - Tutorial 8 - Tutorial 9 - Tutorial 10

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NOTE: "CODE" = "CODING" = Coding, Tutorial, Cheat Sheet

3. Connecting To Hardware:

3.a Connecting Hardware Tutorial (Updated May 25, 2010 for 2010 - 2011):

- X-Loop Connection Target: representative mechanisms (eg. PCB for X5), Bear Target Window Bezel, Bear Target Window Bezel Mounting Plate, Bear Target Window Bezel Mounting Plate Connection
- MPLAB X Project Configuration Bits Tutorial (Configuration Bits Tutorial, Configuration Bits Tutorial, Editor and Instrument Connection Target: Hardware Tutorial 1 Target is an "Open" Hardware
- Tutorial 2 Target is an "Open" Hardware

3.b Target Connection:

- Make sure Holder is running if car is not connected to External Charger
- Make sure Holder is connected to Charger if car is not connected to External Charger and if EOL's and allows HVAC to operate properly.
- Disable Third party Security Suites (eg. Antivirus / Firewall / etc)
- Disable Third party Security Suites (eg. Antivirus / Firewall / etc)
- The Target Connection Window should be the blank Blue Indicator target connections for different chargers

CAUTION WARNING: Besides initial connection, the following conditions can corrupt EOL's / entries & complicate connection/programming:

- Vehicle shutdown during certain because battery voltage is not maintain using either engine or external charger
- Loss in any quality cable / connection
- Computer shuts down due to loss of battery

3.c Hardware Issues:

- Make sure "Auto Default Values" is actually refers to or "Initial Values" is selected/checked Tools, which is not a default setting.
- Develop a system to capture changes that works for you. Some people are using MPLAB Coding Tutorial to capture changes. Others are using Microsoft Word to capture changes. Others are using "Ctrl Ins PrtSrc" to capture changes.
- Use Profiles
- Use Tutorial 10 - Tutorial 9 - Tutorial 8 - Tutorial 7 - Tutorial 6 - Tutorial 5 - Tutorial 4 - Tutorial 3 - Tutorial 2 - Tutorial 1 - Tutorial 0 - Tutorial 0 - Tutorial 0