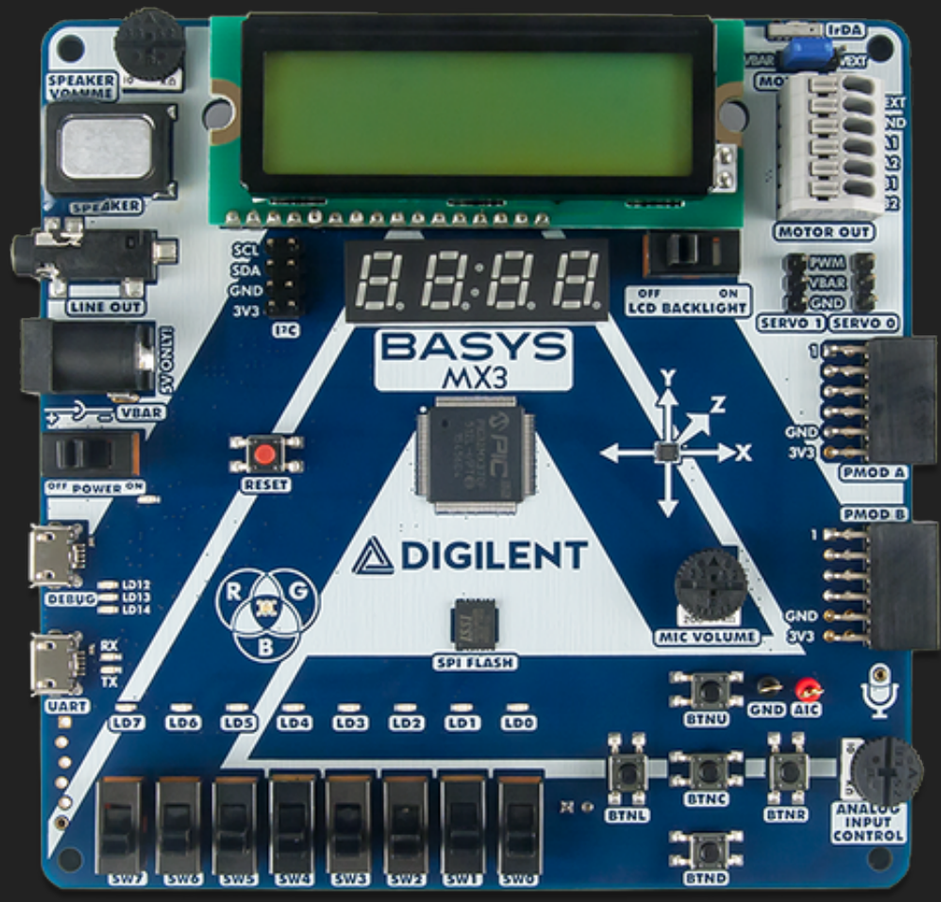
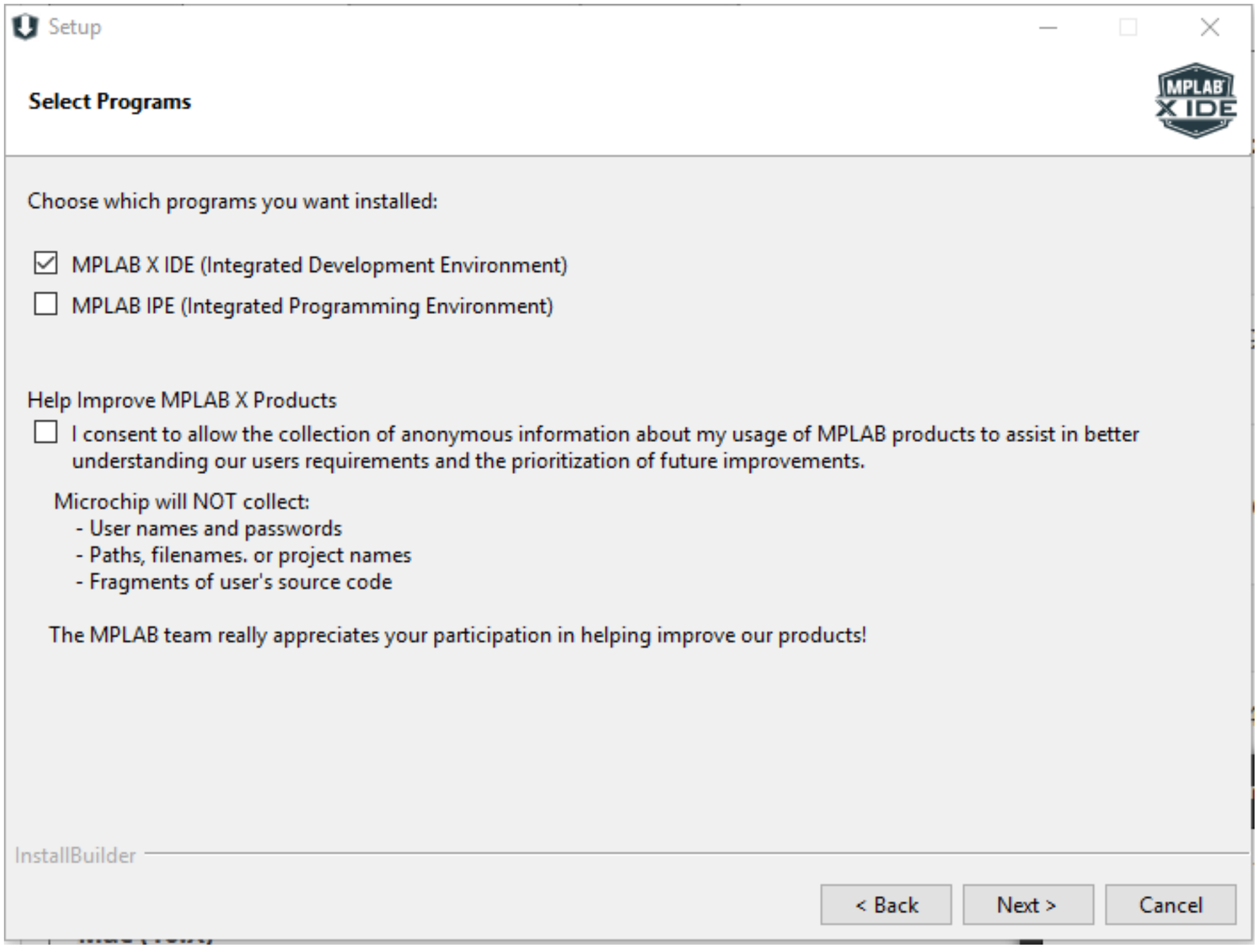
HTTPS://WWW.MICROCHIP.COM/MPLAB/MPLAB-X-IDE

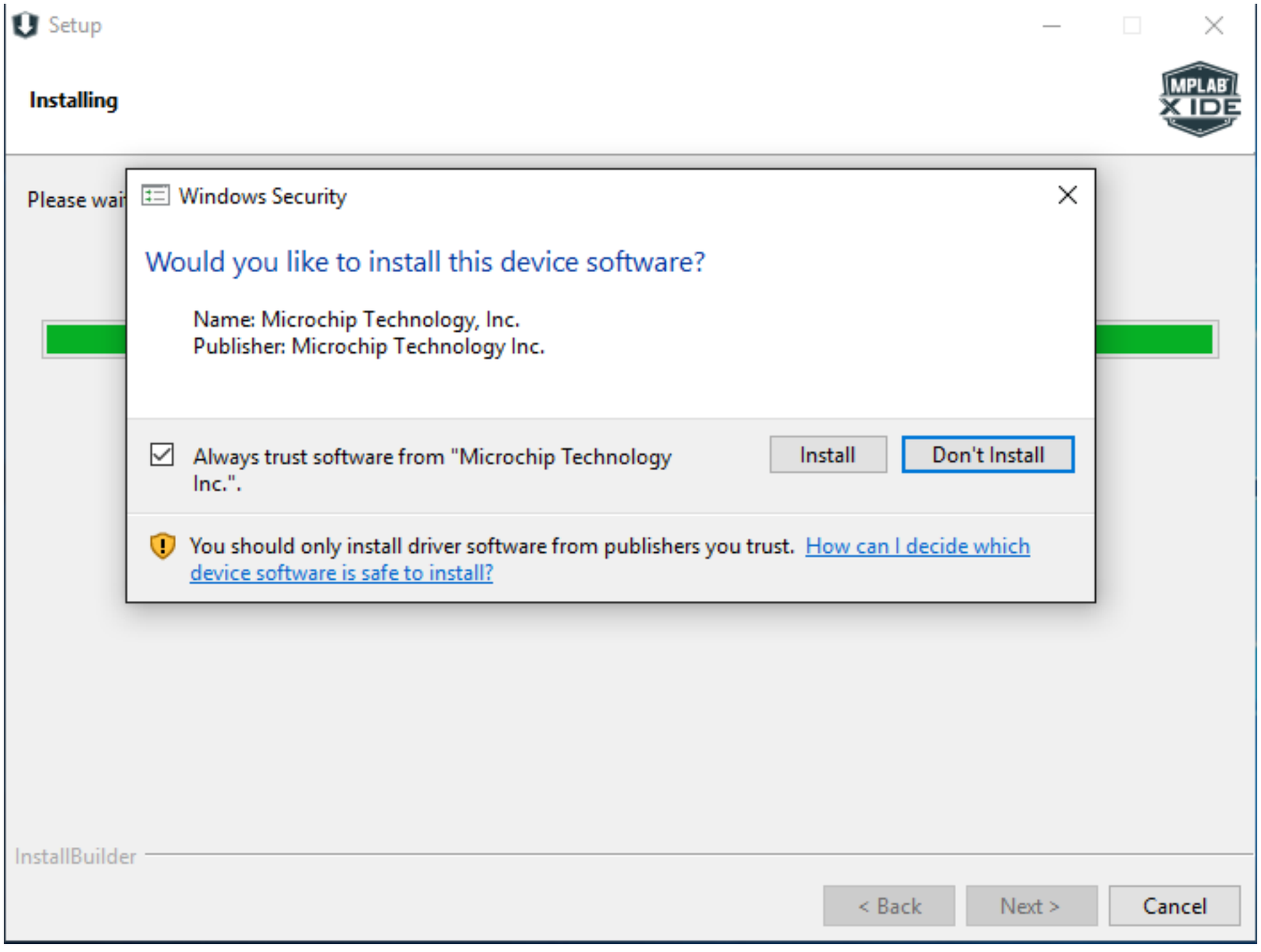
Please Download MPLAX X IDE From Microchip's Website

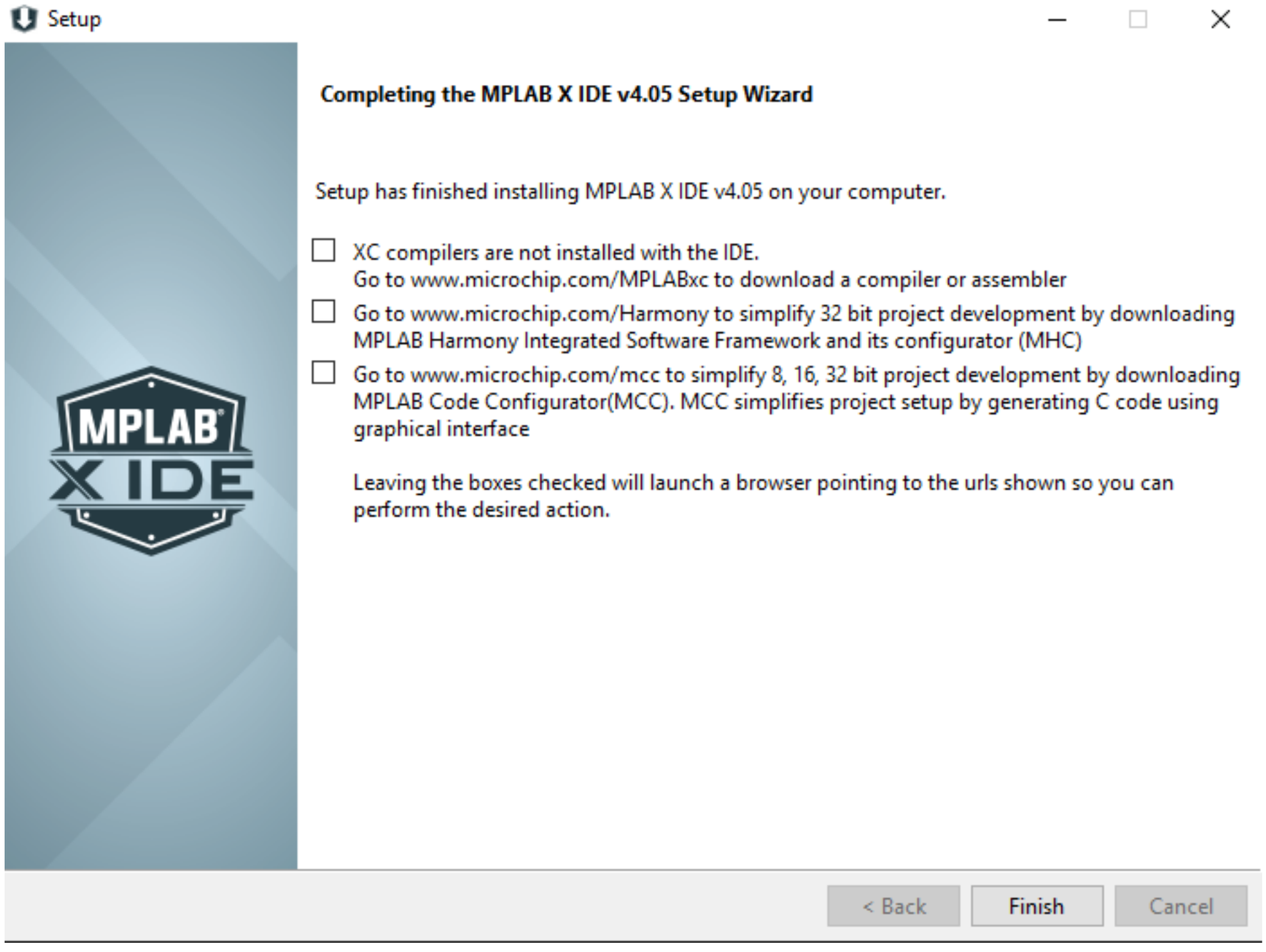


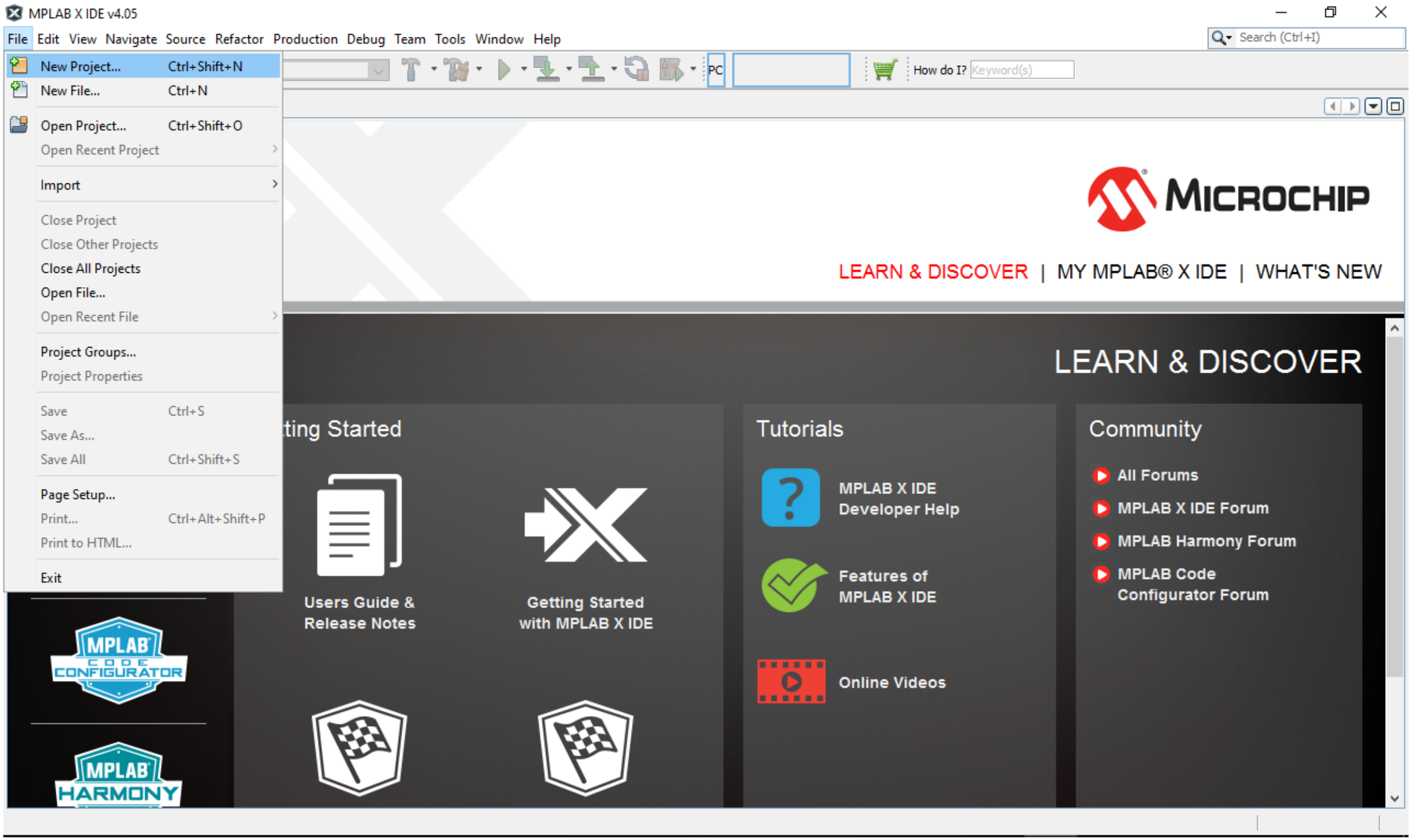
AN INTRO TO THE

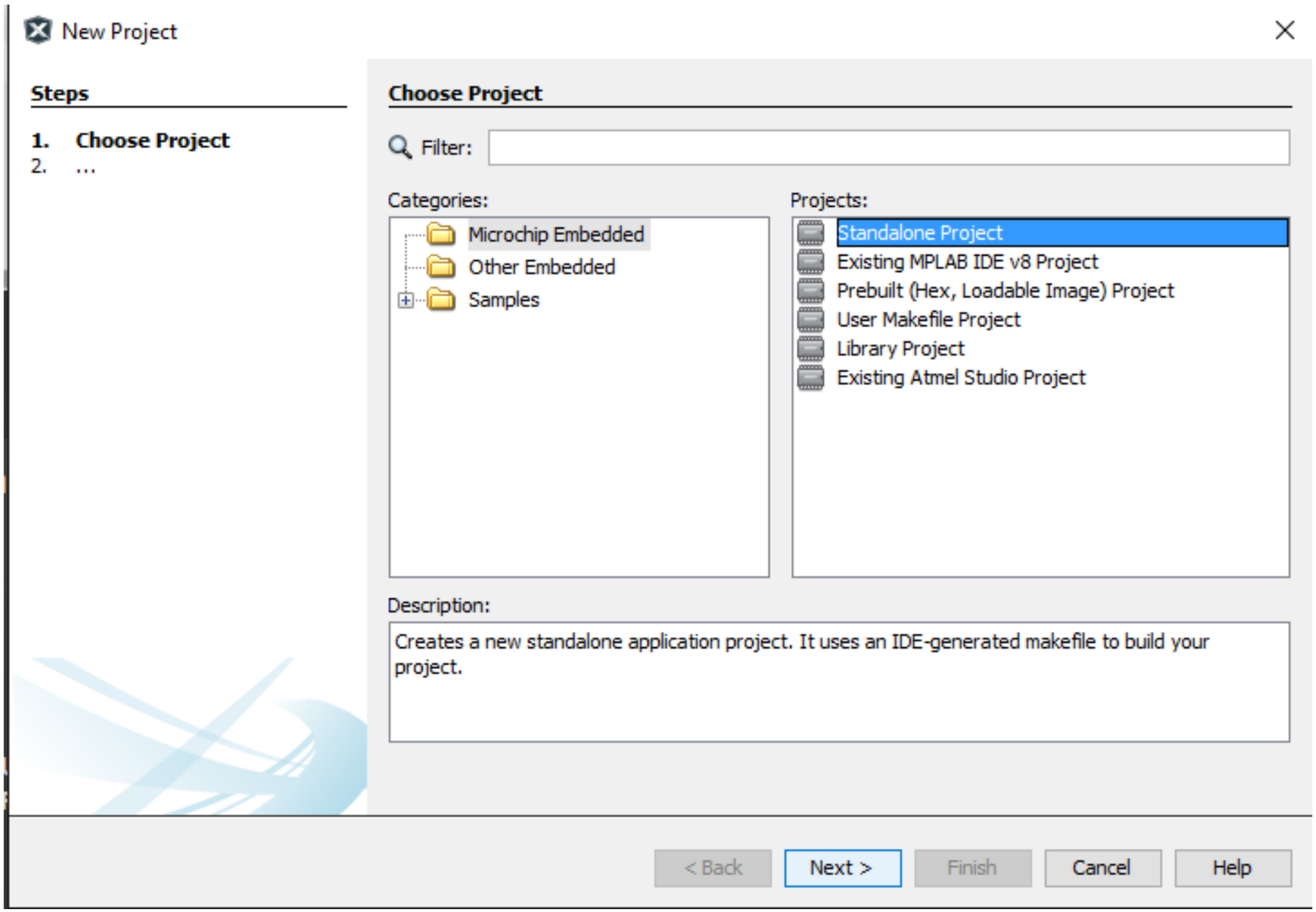
BASYS MX3

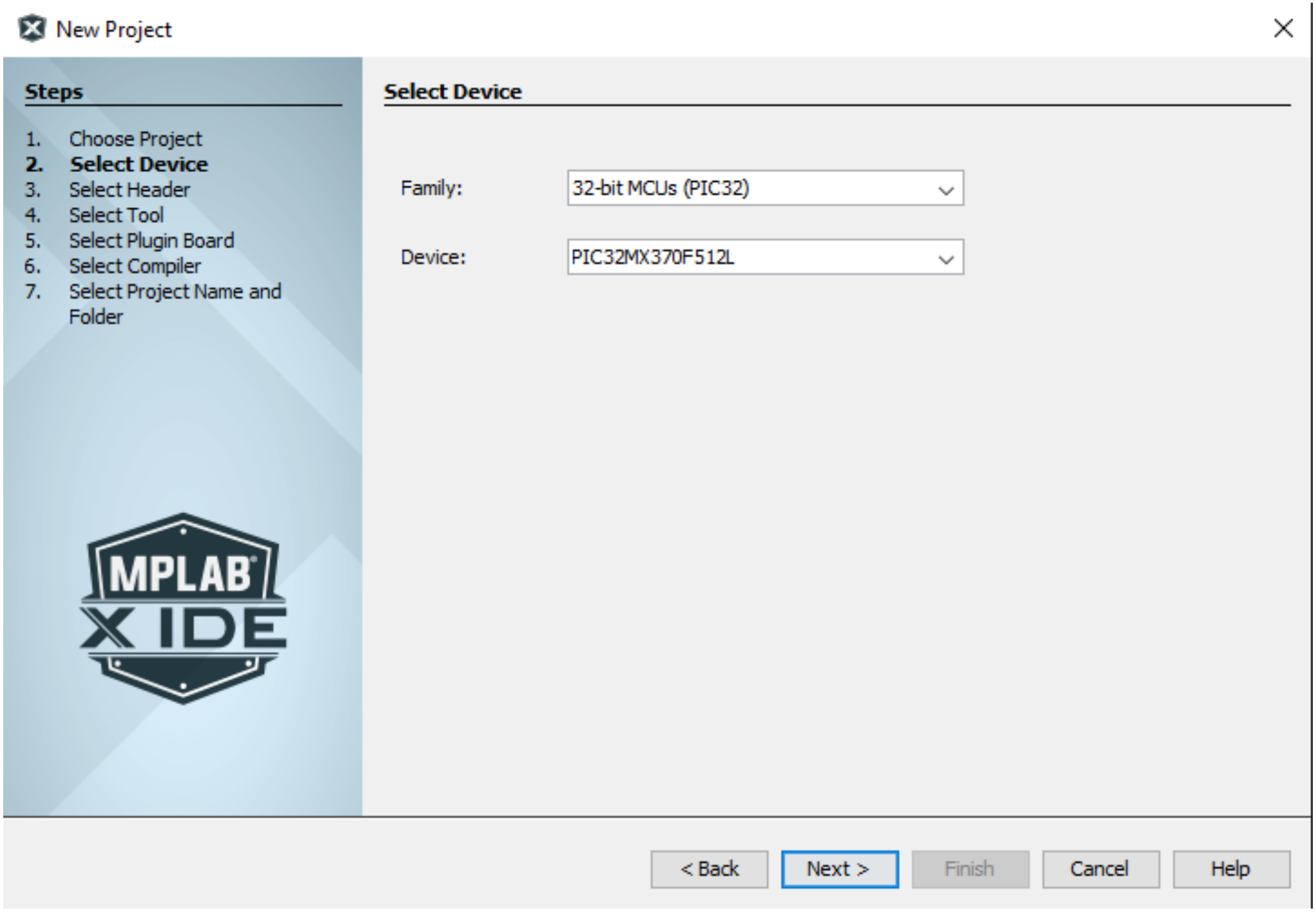

Setup
Select Programs
MPLAB X IDE
Choose which programs you want installed:
MPLAB X IDE (Integrated Development Environment)
MPLAB IPE (Integrated Programming Environment)
Help Improve MPLAB X Products
I consent to allow the collection of anonymous information about my usage of MPLAB products to assist in better understanding our users requirements and the prioritization of future improvements.
Microchip will NOT collect:
- User names and passwords
- Paths, filenames. or project names
- Fragments of user's source code
The MPLAB team really appreciates your participation in helping improve our products!
InstallBuilder
< Back
Next >
Cancel

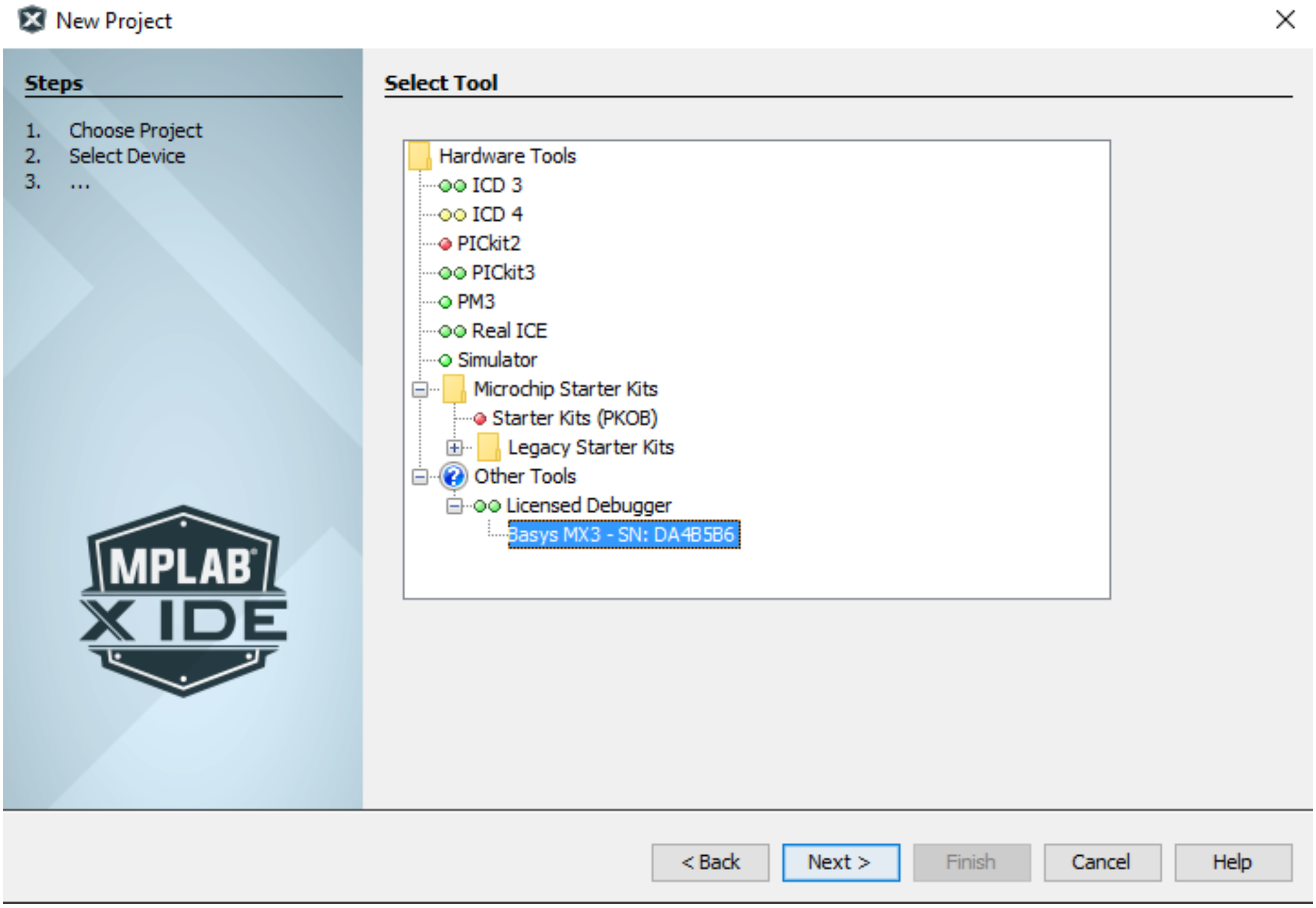

Setup
Installing
MPLAB X IDE
Please wai
Windows Security
Would you like to install this device software?
Name: Microchip Technology, Inc.
Publisher: Microchip Technology Inc.
Always trust software from "Microchip Technology Inc.".
Install
Don't Install
You should only install driver software from publishers you trust. How can I decide which device software is safe to install?
InstallBuilder
< Back
Next >
Cancel

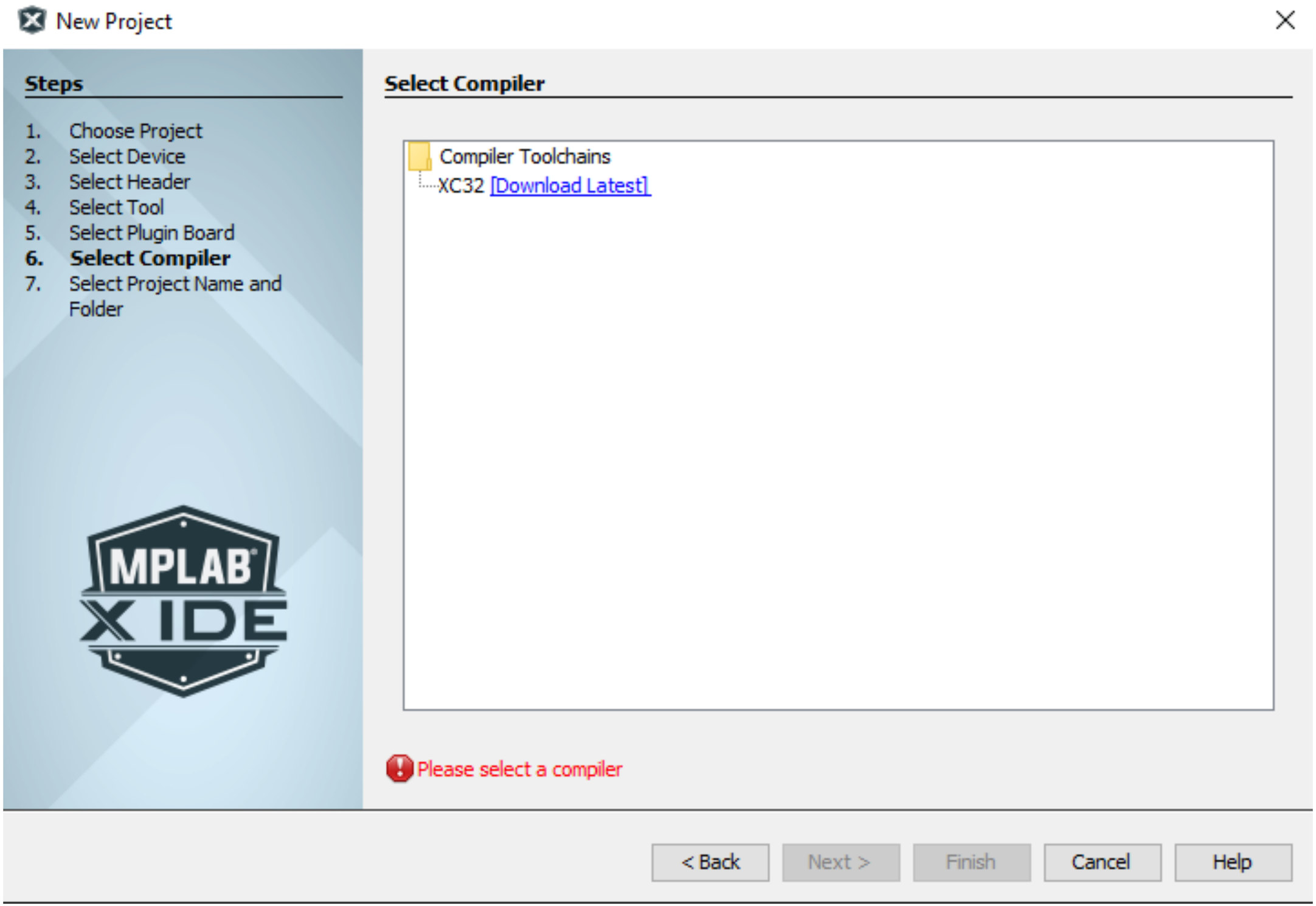

Setup
MPLAB
X IDE
Completing the MPLAB X IDE v4.05 Setup Wizard
Setup has finished installing MPLAB X IDE v4.05 on your computer.
XC compilers are not installed with the IDE.
Go to www.microchip.com/MPLABxc to download a compiler or assembler
Go to www.microchip.com/Harmony to simplify 32 bit project development by downloading MPLAB Harmony Integrated Software Framework and its configurator (MHC)
Go to www.microchip.com/mcc to simplify 8, 16, 32 bit project development by downloading MPLAB Code Configurator(MCC). MCC simplifies project setup by generating C code using graphical interface
Leaving the boxes checked will launch a browser pointing to the urls shown so you can perform the desired action.
< Back
Finish
Cancel

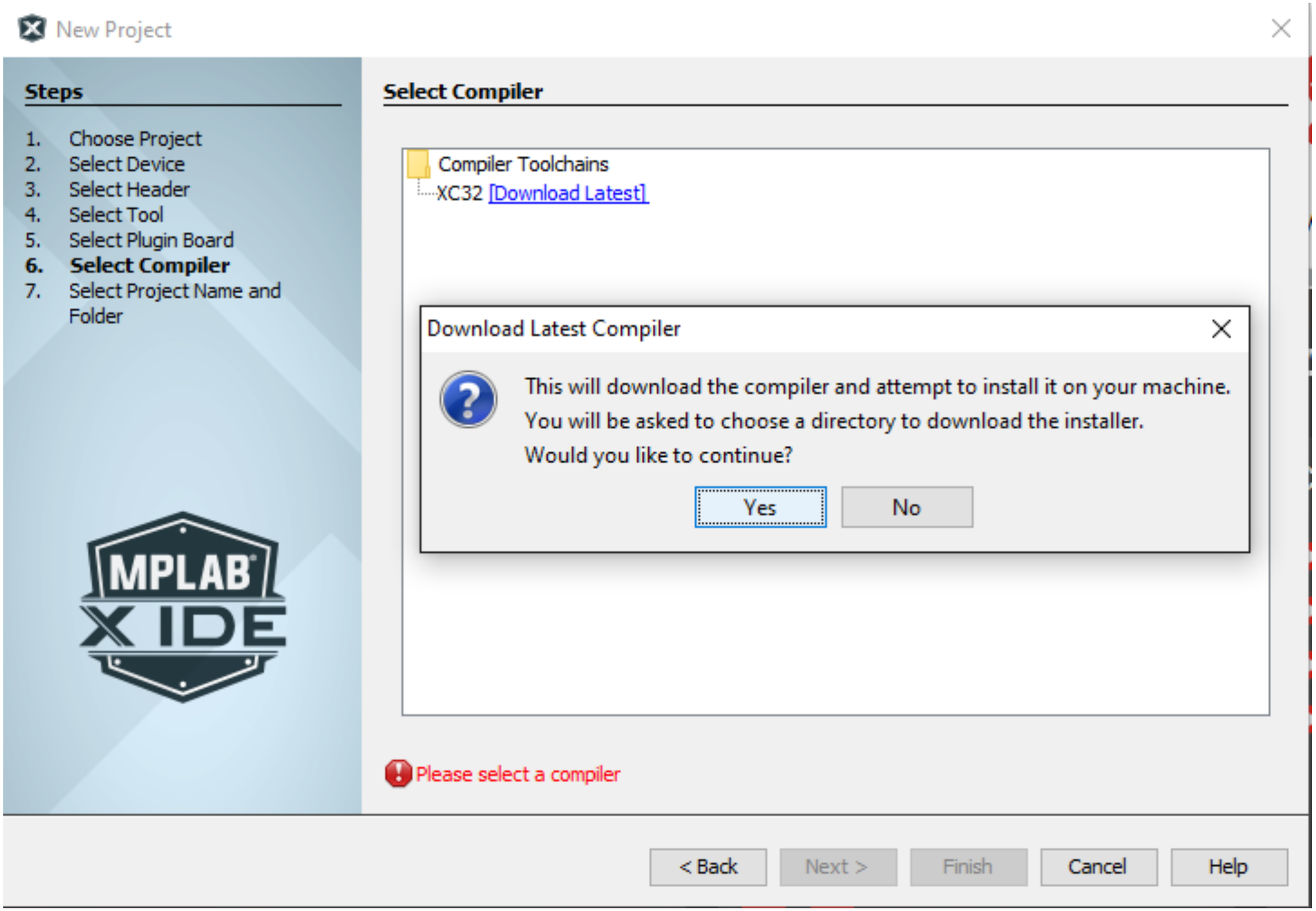

MPLAB X IDE v4.05
File Edit View Navigate Source Refactor Production Debug Team Tools Window Help
Search (Ctrl+I)
New Project... Ctrl+Shift+N
New File... Ctrl+N
Open Project... Ctrl+Shift+O
Open Recent Project
Import
Close Project
Close Other Projects
Close All Projects
Open File...
Open Recent File
Project Groups...
Project Properties
Save Ctrl+S
Save As...
Save All Ctrl+Shift+S
Page Setup...
Print... Ctrl+Alt+Shift+P
Print to HTML...
Exit
PC
How do I? Keyword(s)
MICROCHIP
LEARN & DISCOVER | MY MPLAB® X IDE | WHAT'S NEW
LEARN & DISCOVER
ting Started
Users Guide & Release Notes
Getting Started with MPLAB X IDE
Tutorials
MPLAB X IDE Developer Help
Features of MPLAB X IDE
Online Videos
Community
All Forums
MPLAB X IDE Forum
MPLAB Harmony Forum
MPLAB Code Configurator Forum
MPLAB CODE CONFIGURATOR
MPLAB HARMONY

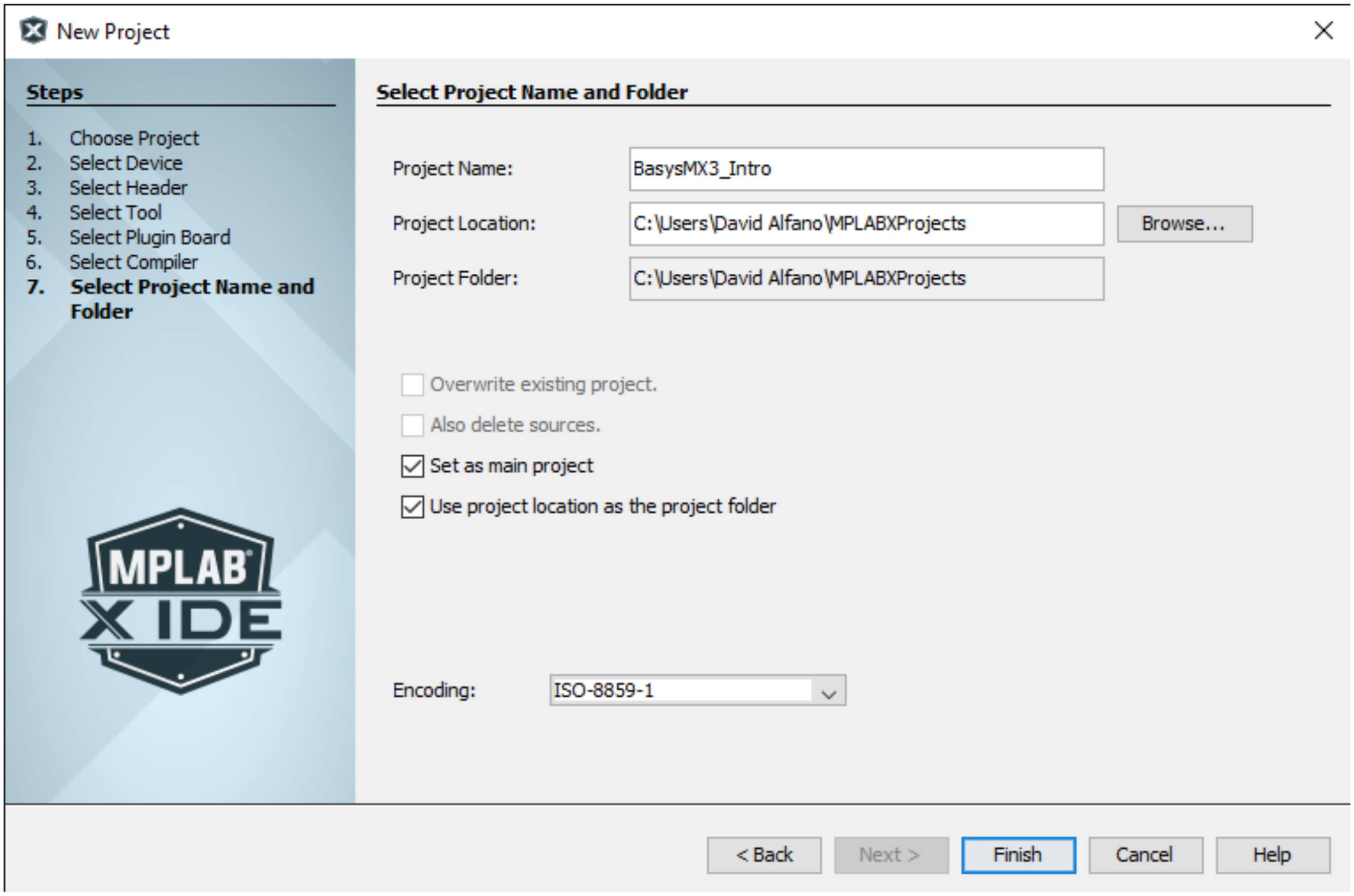

New Project
Steps
1. Choose Project
2. ...
Choose Project
Filter:
Categories:
Microchip Embedded
Other Embedded
Samples
Projects:
Standalone Project
Existing MPLAB IDE v8 Project
Prebuilt (Hex, Loadable Image) Project
User Makefile Project
Library Project
Existing Atmel Studio Project
Description:
Creates a new standalone application project. It uses an IDE-generated makefile to build your project.
< Back
Next >
Finish
Cancel
Help

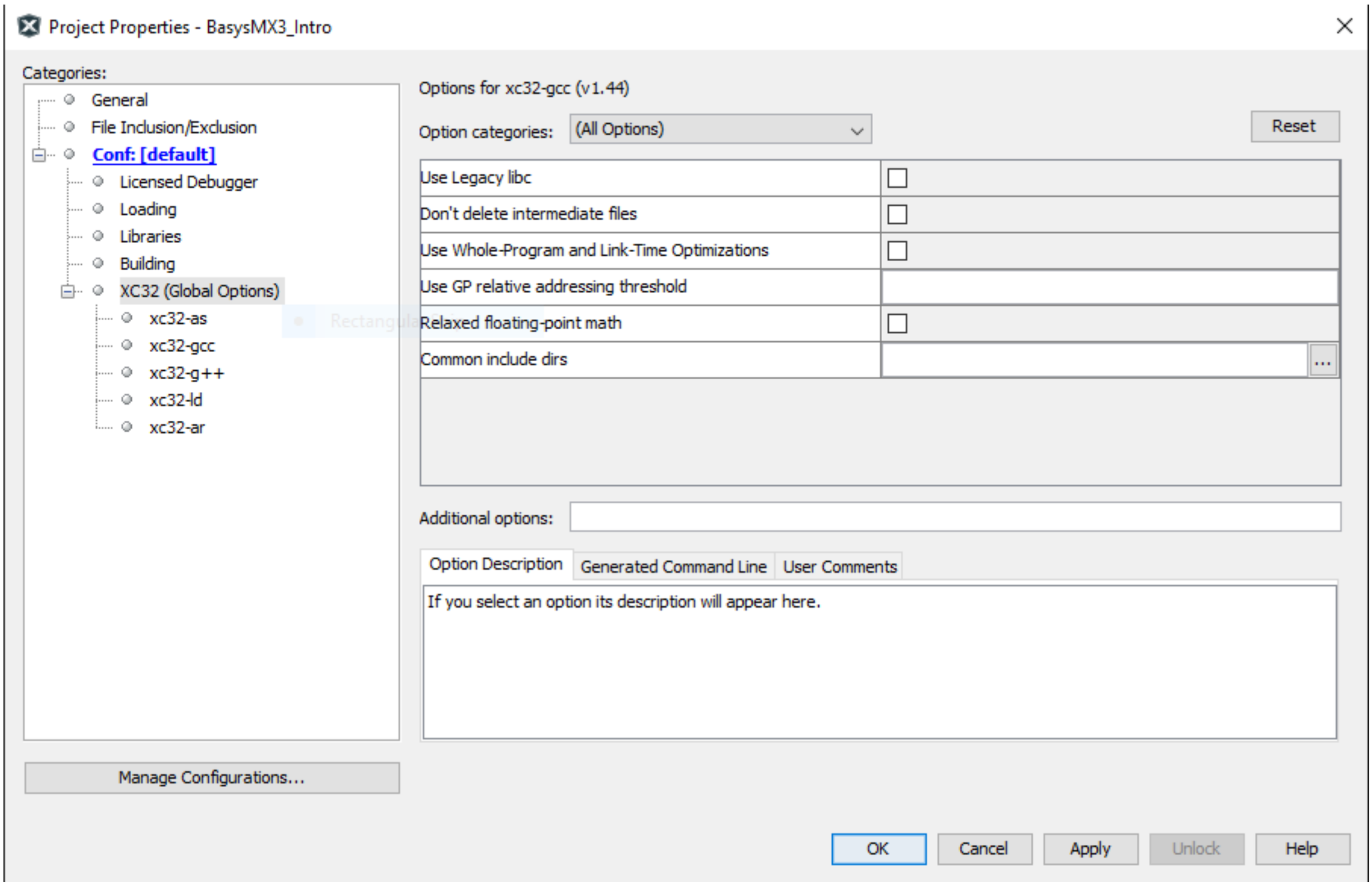

New Project
Steps
1. Choose Project
2. Select Device
3. Select Header
4. Select Tool
5. Select Plugin Board
6. Select Compiler
7. Select Project Name and Folder
Select Device
Family:
32-bit MCUs (PIC32)
Device:
PIC32MX370F512L
MPLAB
X IDE
< Back
Next >
Finish
Cancel
Help


New Project
Steps
1. Choose Project
2. Select Device
3. ...
Select Tool
Hardware Tools
ICD 3
ICD 4
PICkit2
PICkit3
PM3
Real ICE
Simulator
Microchip Starter Kits
Starter Kits (PKOB)
Legacy Starter Kits
Other Tools
Licensed Debugger
Basys MX3 - SN: DA4B5B6
MPLAB X IDE
< Back
Next >
Finish
Cancel
Help


New Project
Steps
1. Choose Project
2. Select Device
3. Select Header
4. Select Tool
5. Select Plugin Board
6. Select Compiler
7. Select Project Name and Folder
MPLAB X IDE
Select Compiler
Compiler Toolchains
XC32 [Download Latest]
Please select a compiler
< Back
Next >
Finish
Cancel
Help


New Project
Steps
1. Choose Project
2. Select Device
3. Select Header
4. Select Tool
5. Select Plugin Board
6. Select Compiler
7. Select Project Name and Folder
MPLAB X IDE
Select Compiler
Compiler Toolchains
XC32 [Download Latest]
Download Latest Compiler
This will download the compiler and attempt to install it on your machine.
You will be asked to choose a directory to download the installer.
Would you like to continue?
Yes
No
Please select a compiler
< Back
Next >
Finish
Cancel
Help


New Project
Steps
1. Choose Project
2. Select Device
3. Select Header
4. Select Tool
5. Select Plugin Board
6. Select Compiler
7. Select Project Name and Folder
MPLAB X IDE
Select Project Name and Folder
Project Name:
BasysMX3_Intro
Project Location:
C:\Users\David Alfano\MPLABXProjects
Browse...
Project Folder:
C:\Users\David Alfano\MPLABXProjects
Overwrite existing project.
Also delete sources.
Set as main project
Use project location as the project folder
Encoding:
ISO-8859-1
< Back
Next >
Finish
Cancel
Help



In project Preferences Make Sure “Use Legacy libc” Is UNCHECKED

HTTPS://GITHUB.COM/DAALFANO/UD_ECT358_BASYSMX3

Please Download This GitHub Repository