Title

Moving Past the Arduino IDE for Embedded Development

Abstract

Many tutorials on embedded software development focus only on how to write code. The missing pieces are all the other steps we take in software development that are easy to take for granted when working with a higher-level stack. In this presentation Al Rodriguez will talk about his quest to get started in embedded software development by moving past the Arduino IDE. We will look at different IDE options for writing the code, creating a repeatable build script, deploying to a Microcontroller Unit, and creating unit tests to ensure the logic of the application is correct. You can find the contents of this presentation on GitHub at <https://github.com/ProgrammerAl/StartingEmbeddedDevTalk>.

Speaker Bio

Al Rodriguez is a software developer who has spent most of his career in the .NET space. He spends his spare time working on an IoT application he dreams to someday turn into a business. In his non-software related spare time, he enjoys video games, board games, listening to podcasts, and sleep. Sometimes he blogs at DeveloperSideQuests.com. You can find him on Twitter at @ProgrammerAL, or in person if you’re a creepy stalker.