Programming Language Reflections

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There are benefits to using c++ as a language in coding. Such as its portability and memory management. Some of the disadvantages would be items such as lack of a garbage collector which helps filter out unnecessary data. Another drawback is c++’s lack of a built-in thread.

The benefit of using C++ and visual studio together is it allows you to compile and run the code at the press of a button. This would take several steps if this was done from the command line like the old days

Just like using C++ with visual studio, we can also compile and run java programs using IDE’s such as eclipse. This also helps with the seamless compilation of code eliminating multi step cmd line or console input. I do see one drawback with using eclipse as an IDE for java however. The initial setup to install and configure java can be tedious to say the least. Java must be configured correctly on the host pc and within eclipse or the code will not compile.

When I first started in the field of IT and as a developer specifically, I learned only python syntax. Five years later, I have coded in Java, JavaScript, python, c# and now c++. The basic concepts are the same across all languages and usually on the syntax varies between languages. I think it’s safe to say that the more coding languages you are familiar with the higher your value will be in the world of IT. I do not prefer to code in languages that are c based such as java, c#, and C++ because these languages are very verbose in comparison to python. I like to work smarter and not harder and typing 50 lines of code in java vs typing 20 -30 lines of code in python to get the same result, just makes more sense to me. ☺