

Reflective Paper – Joseph Dzagli

My major observation about c++ during this project is how pointers gave convenience in passing values between functions. The fact that you had to import every file explicitly in any other file where it was used. Our failure to do so troubled us with a great deal of time and energy wasted debugging until we realized this fact.

Using Numspace came in very handy, because having to call it explicitly on every declaration was daunting. Anytime we missed it, we were faced with the tedious challenge of debugging.

A major convenience came with the use of vectors, java required that you state the size of an array before it was created, but vectors afforded us the opportunity to expand the size of the array as it was being updated.

The use of pointers was quite tricky and landed us in a lot of errors.

The fact that you also had to declare all methods that would be used at the top of the file was an unnecessary feature with c++ which was more convenient with Java, because java did that implicitly in the background.

Generally, the rules of syntax for both c++ and java were quite similar.