

Assignment 2 Joshua Bloch's Builder Pattern Justification

The Joshua Bloch's builder pattern makes for very easy to use class files for various attributes that are optional to set. Since there are many attributes, it can often be confusing to know what attributes need to be filled in, but by using the Joshua Bloch's builder pattern, the methods all exist under the main class object. Additionally, the return of the object itself makes it very easy to chain various methods together making an easy-to-use object for setting numerous attributes. By creating methods in this way, it's very easy to avoid creating various initializers that take various inputs and instead just create the methods themselves that set just a single attribute. This resolves the telescoping issue where methods just continue to grow larger and larger. Overall, the pattern makes for much easier to extend code, while also allowing flexibility when setting various attributes at creation time.