

@Data

class Point {...}

javac point.java

1. read file

2. parse

3. find Annotations

4. Run Ann. Handler / processor

lombok plugin

java lombok point

modified java code w/o Annotation5. compiled

6. used along the App

```

public static <A, B> Function<A, B> makeSafe(
    Function<A, B> body, // A => B | Exception
    Function<Exception, B> handler
) {
    return s -> {
        try {
            B applied = body.apply(s);
            return applied;
        } catch (Exception x) {
            System.out.println("exception happen, running handle");
            B applied = handler.apply(x);
            return applied;
        }
    };
}

```

return $s \rightarrow \text{body.apply}(s) \equiv \text{return } \underline{\text{body}}$;