Refactoring Calisthenics

2 Tiny Tasks

Simon Hodel, 04.02.2021

Task 1: What type of refactoring suits best here?

```
public class MailValidator {
    private final Mail _mail;

    public MailValidator(Mail mail) {
        _mail = mail;
    }

    // Block of other validation rules

    private boolean isValidAddress() {
        String strRegex = "";
        Regex re = new Regex(strRegex);
        return re.isMatch(_mail.to);
    }
}
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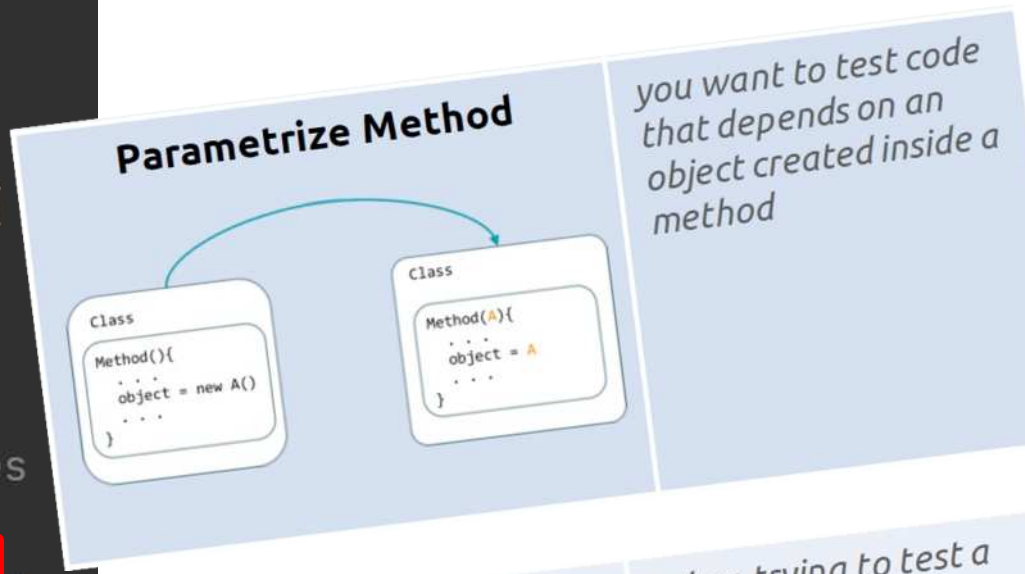

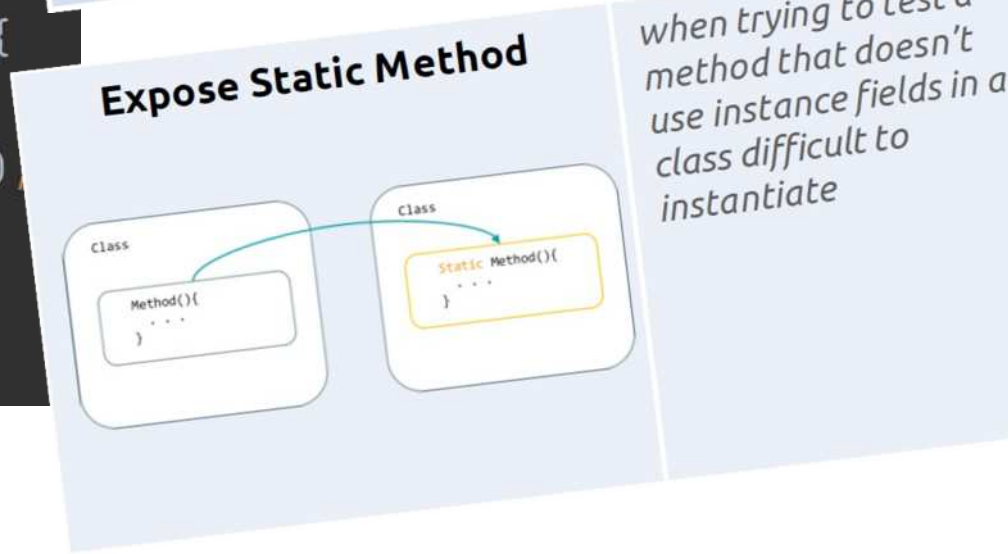

Task 2: What type of refactoring suits best here?

```
public class Validator
{
    private PaymentTranformer _transformer;

    public Validator()
    {
        String readerPath = ConfigurationSettings.appSettings[0];
        String writerPath = ConfigurationSettings.appSettings[1];

        StreamReader reader = new StreamReader(readerPath);
        StreamWriter writer = new StreamWriter(writerPath);

        _transformer = new PaymentTranformer(reader, writer);
    }

    // ...
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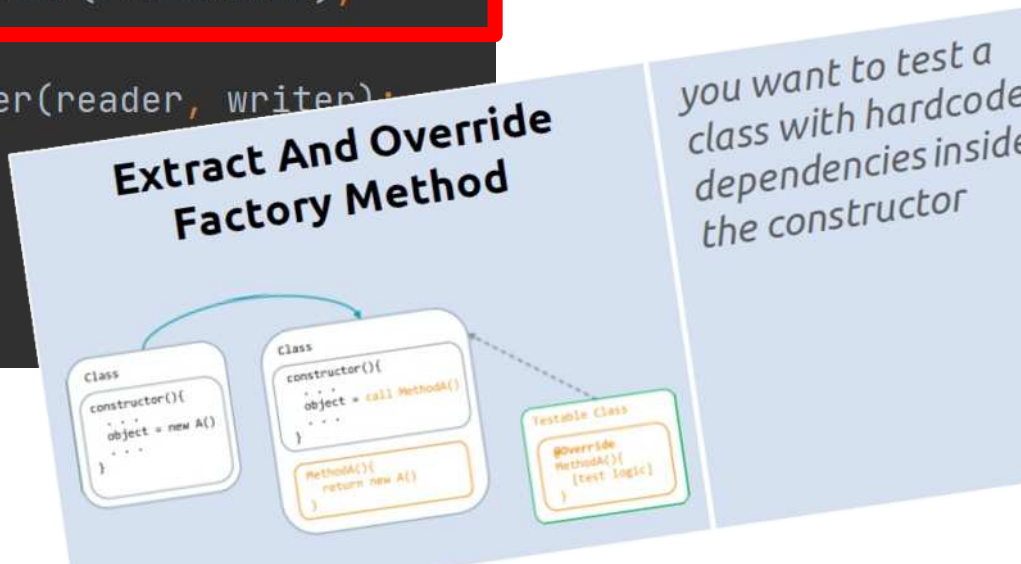

(Kind of a) Conclusion :-)

BOYSCOUT RULE

Always leave the codebase cleaner than you found it

Credits

- Slides of AlcorAcademy
- https://gunnarpeipman.com/refactoring-expose-static-method/
- https://gunnarpeipman.com/refactoring-extract-and-override-factory-method/