Clean code

Function arguments

Mindset

“Always code as if the guy who ends up maintaining your code will be a violent psychopath who knows where you live.”

- Martin Golding

With other words

Someone should be able to look at the definition of your class / struct / object (method / function signatures) and have a pretty good idea what is does and how to use it without knowing its internals

- Niels

Forms

- Niladic (no arguments)
    - includeSetupPage()
- Monodic (1 argument)
    - enableAlarm(true)**
- Dyadic (2 arguments)
- Triadic (3 arguments)
- Polyadic (>3 arguments)

** flag arguments are considered bad, mkay: better: enableAlarm(), disableAlarm()

Why is it considered bad?

- Harder for readers understand

- Harder to test, consider:
    - foo(true)
    - bar(true,true)

But wait, there is help

- Use argument objects (group cohesive fields)
    - winkyWonka.setAddress(Address.Home, street, houseNo, postal, city)
    - winkyWonka.setHomeAddress(address)
- Use clear (intentful) verbs and keywords
    - renderPage()
    - clearContent()
- Read it aloud!
- TDD

Is it always avoidable / refactor?

- No not always, but we can try
- And remember….

End