Ktlint

By Moro

Explain…

Captain, I found a way to improve our Code quality…

Take a look sir!

ktlint

An anti-bikeshedding Kotlin linter with built-in formatter.

Put Ktlint in the CI/CD pipeline,to check their code.

It is an order!

First, I will add Ktlint plugin into the project:

[versions]

```
material = "1.9.0"
ktlint_plugin = "11.5.1"
ksp = "1.8.10-1.0.9"
```

[plugins]

```
ktlint = { id = "org.jlleitschuh.gradle.ktlint", version.ref = "ktlint_plugin" }
```

gradle/ -> libs.versions.toml

Applying the new plugin for all modules…

```
plugins {
    alias(libs.plugins.ksp) apply false
    alias(libs.plugins.hilt) apply false
    alias(libs.plugins.ktlint)
}
```

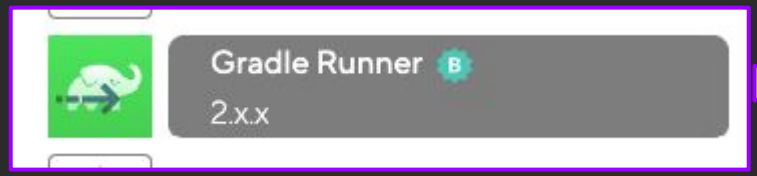
```
val ktLintPluginId: String = libs.plugins.ktlint.get().pluginId

subprojects {
    apply(plugin = ktLintPluginId) // Version should be inherited from parent

    // Accessing the `PluginContainer` in order to use `whenPluginAdded` function
    project.plugins.configure(project = project)

    // Optionally configure plugin
    configure<org.jlleitschuh.gradle.ktlint.KtlintExtension> {
        debug.set(true)
    }
}
```

build.gradle.kts (project level) 📍

I have permission to send this to the main branch

Yep, you have!

Updating the CI/CD
to run ktlint task:



Config

Optional path to the Gradle build file to use

$GRADLE_BUILD_FILE_PATH

Gradle task to run REQUIRED

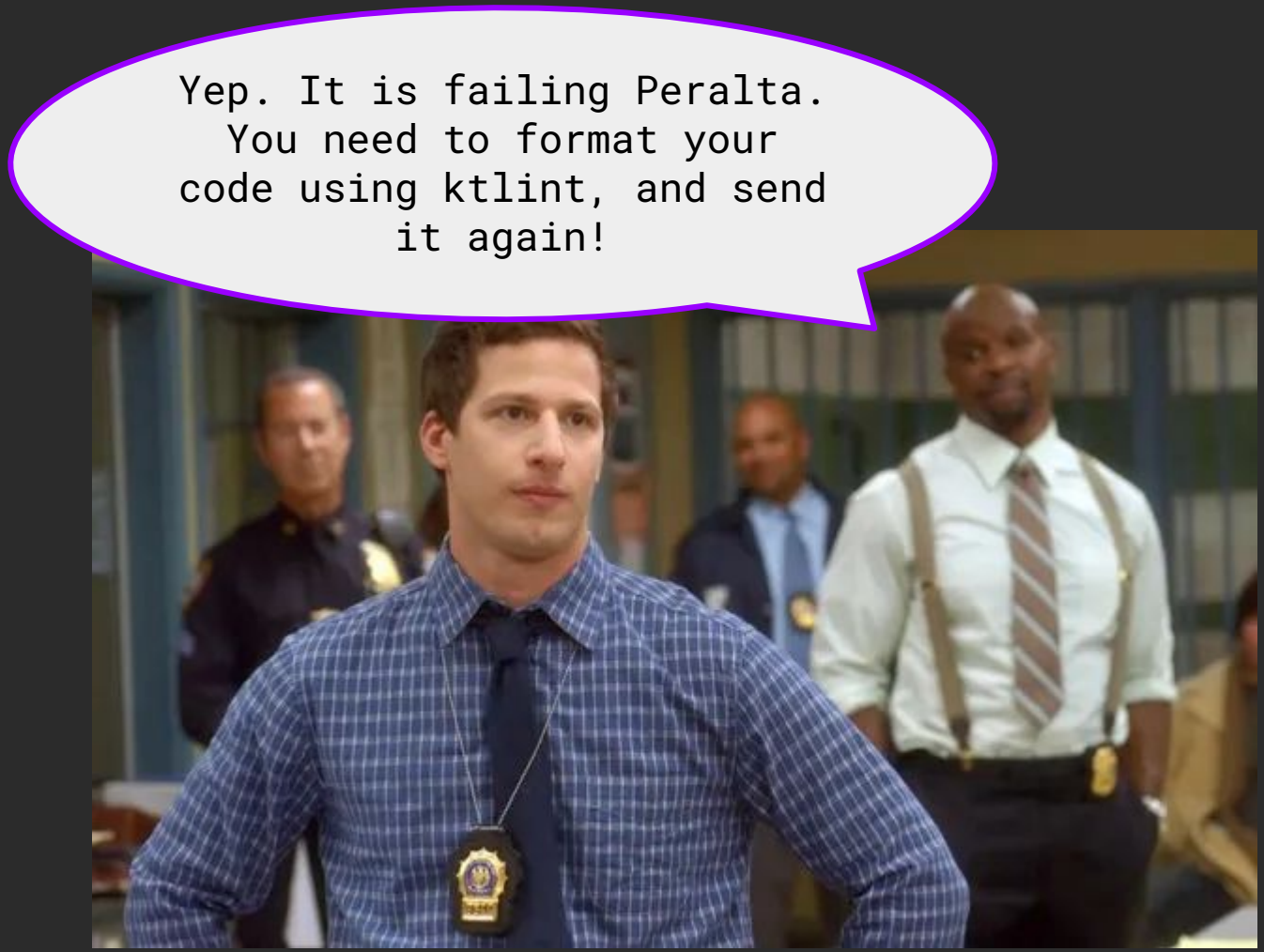
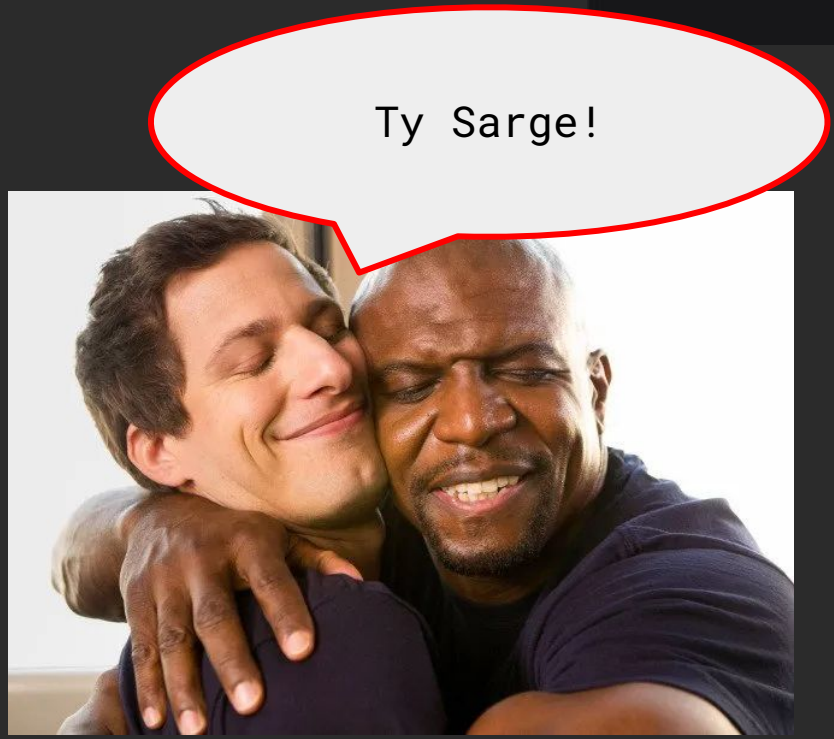
ktlintCheck

gradlew file path REQUIRED

$GRADLEW_PATH

Peralta, your PR is failing!

What?!
It is impossible!


Yep. It is failing Peralta. You need to format your code using ktlint, and send it again!

```
Terminal   Local
You have not agreed to the Xcode license agreeme
➜  src git:(main) ./gradlew ktlintFormat
```