

Object Calisthenics Done By PMD

Raoul Adler, 25. Jan. 2021

Intro

Is there a **tool** which supports me in applying the Object Calisthenics rules?

- I need help => at least as Calisthenics newbie
- I don't trust myself
- I am lazy

PMD

- is a static code analyzer
- a lot of predefined rules
- there is an IntelliJ plugin
- difficult to create custom rules
- Google found custom rules for Object Calisthenics!

PMD IntelliJ Plugin

- <https://plugins.jetbrains.com/plugin/15412-pmd-idea>
- easy to install
- easy to use
- only predefined rules
- no Object Calisthenics rules!
- extendable
- custom rules not added in five minutes!!

PMD Custom Rules for Object Calisthenics

- follow the instructions on <https://github.com/codecop/pmd-rules>
- there is a rule for every Object Calisthenic rule!
- unfortunately the installation took me a long time

PMD In Action

Let's do some demo!

Conclusion

- PMD does the job
- To create custom rules is not for free
- Is only a supporting tool
- At the end you have to code properly

References

- <http://blog.code-cop.org/2018/01/compliance-with-object-calisthenics.html>
- <https://github.com/codecop/pmd-rules>
- <https://github.com/sm3sher/object-calisthenics-by-example>