

CODE SMELLS

and the Object Calisthenics to rid of them





CODE SMELLS



Bloaters



**Object-Orientation
Abusers**



Change Preventers



Dispensables



Couplers

OBJECT CALISTHENICS



One level of indentation



Don't use else



Wrap all primitives & strings



First class collections



One dot per line



Keep all entities small



No getters/setters



One level of indentation



Don't use the else keyword



Wrap all primitives and strings



First class collections



Keep entities small



BLOATERS





One level of indentation



Wrap all primitives and strings



Keep entities small



No getters and setters



OBJECT- ORIENTATION ABUSERS





First class collections



Keep entities small



No getters and setters



CHANGE PREVENTERS





One level of indentation



DISPENSABLES





One dot per line



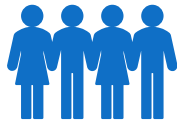
No getters and setters



COUPLERS



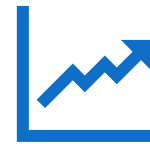
WHY DEAL WITH THE SMELLS?



Collective
understanding



Maintainability



Increase
cohesion



Decrease
coupling



REFERENCES

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