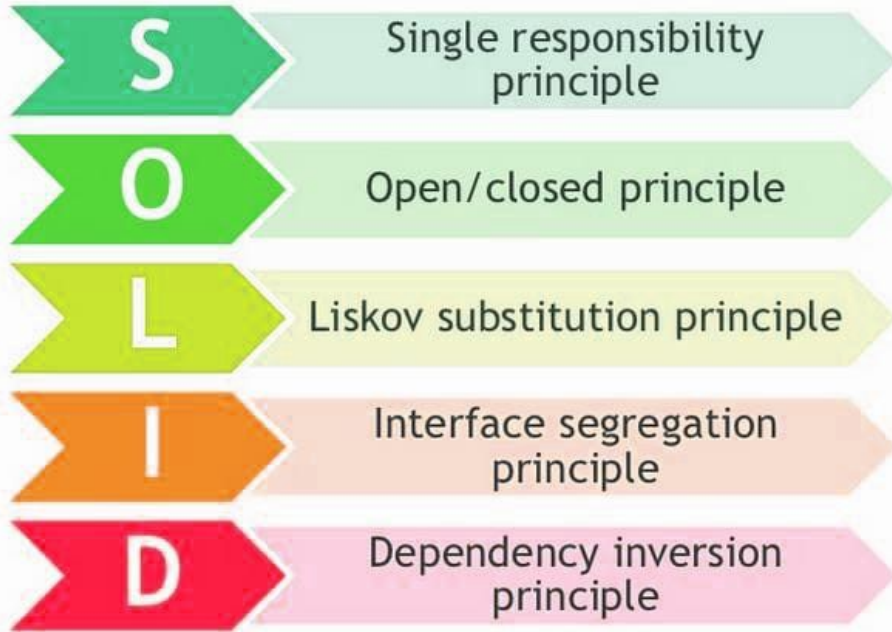


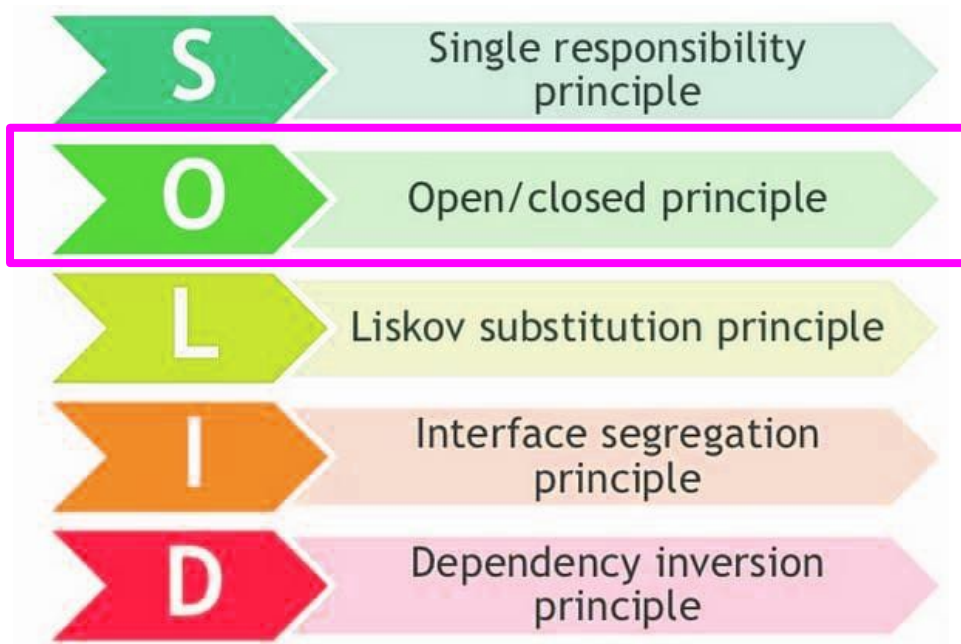
# SOLID principles

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# SOLID principles

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Software entities (classes,  
modules, methods, etc.)  
should be **open** for extension,  
but **closed** for modification

# OCP violation problems

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- Classes are tightly coupled
  - Changing one bit of code affects multiple entities
- Code is difficult to test in isolation

## Spotting OCP violations

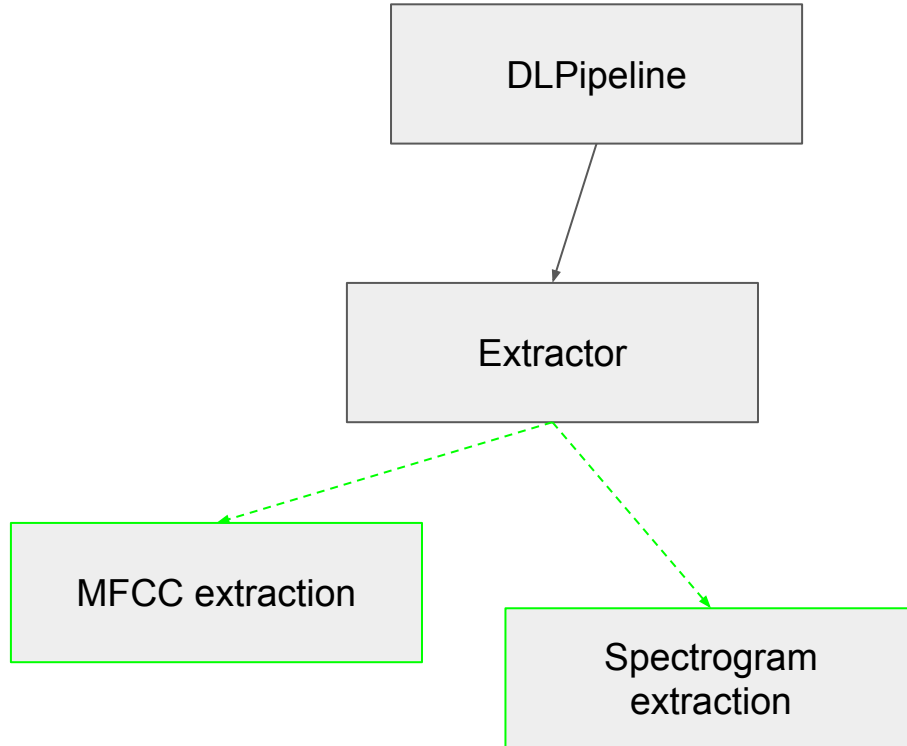
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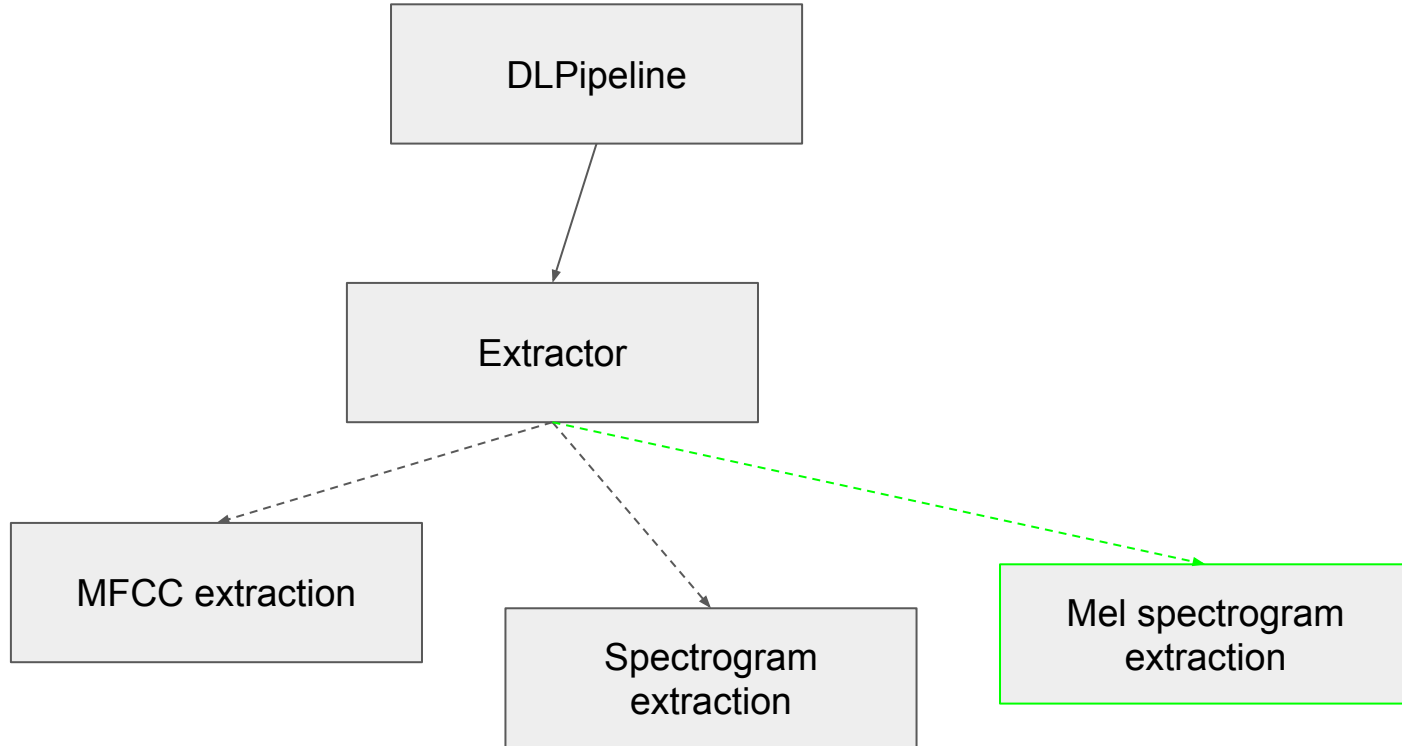
Does a class “know” too much about its dependencies?

DLPipeline



Extractor







**POLYMORPHISM**

