

Writing Testable Code



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Module Outline

Test the MachineDataProcessor

Decouple dependencies

Write unit tests

- Run code before and after every test



Test the MachineDataProcessor

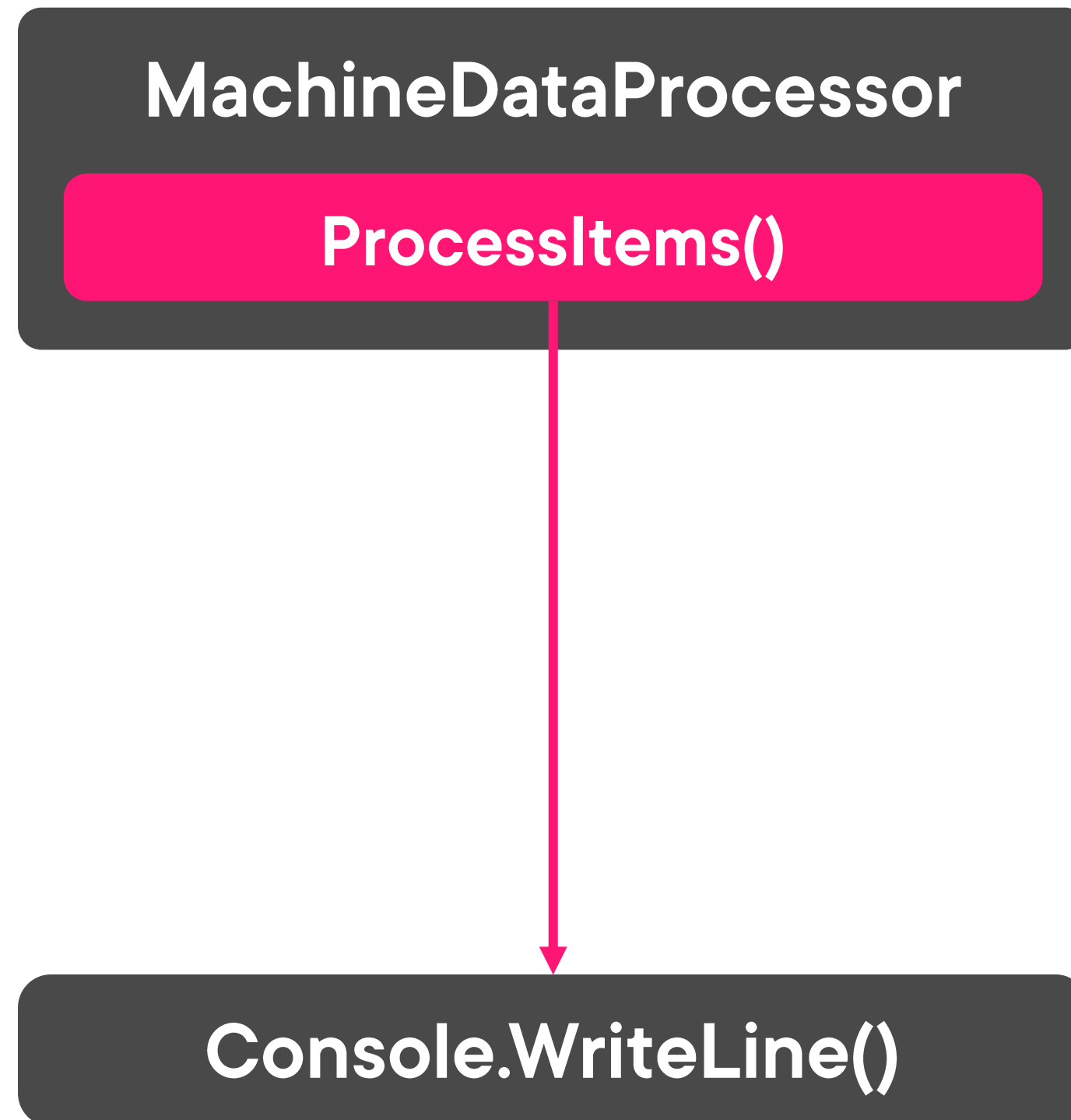




Know How to Decouple Dependencies



Know How to Decouple Dependencies



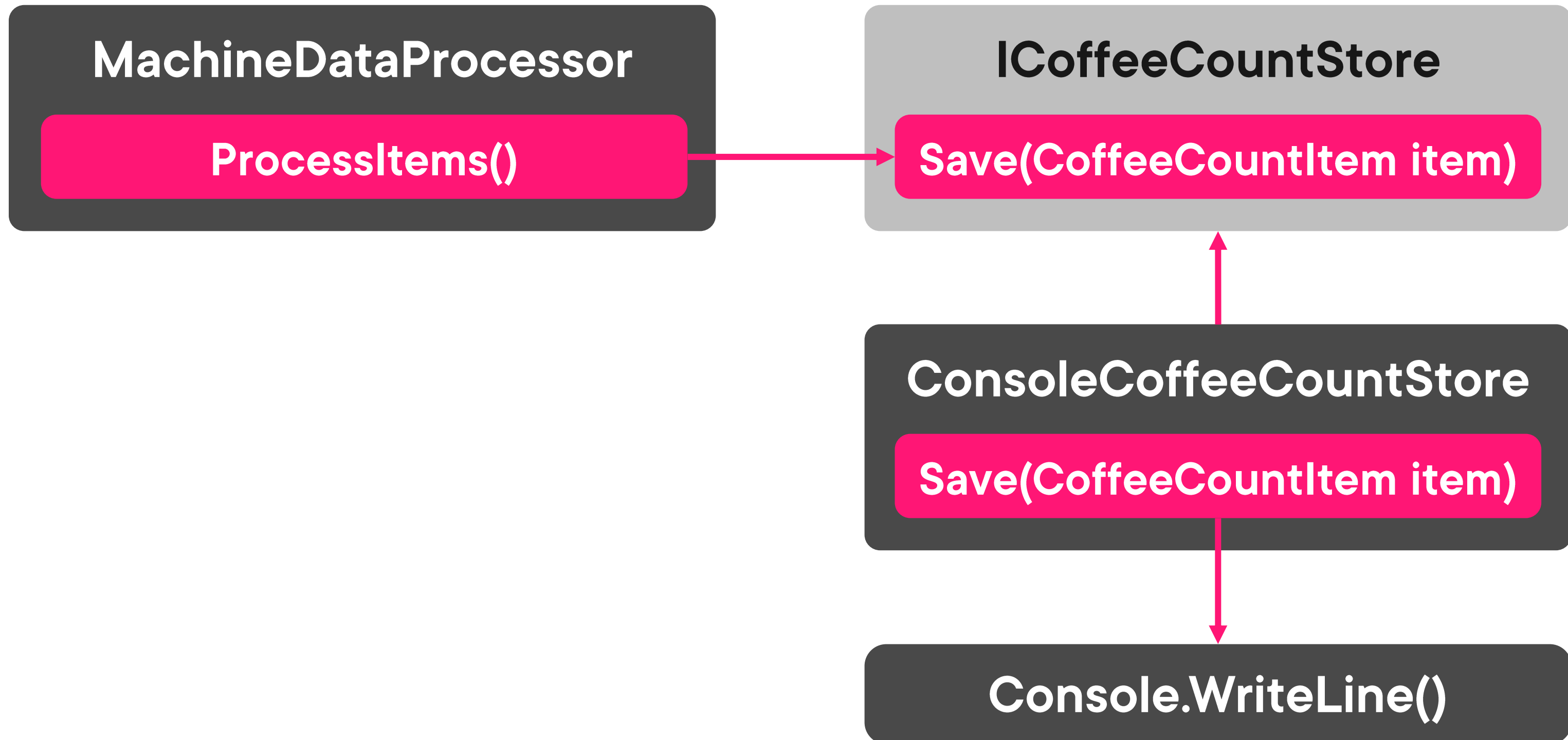
- Calculate count per coffee type
- Write the output to the console



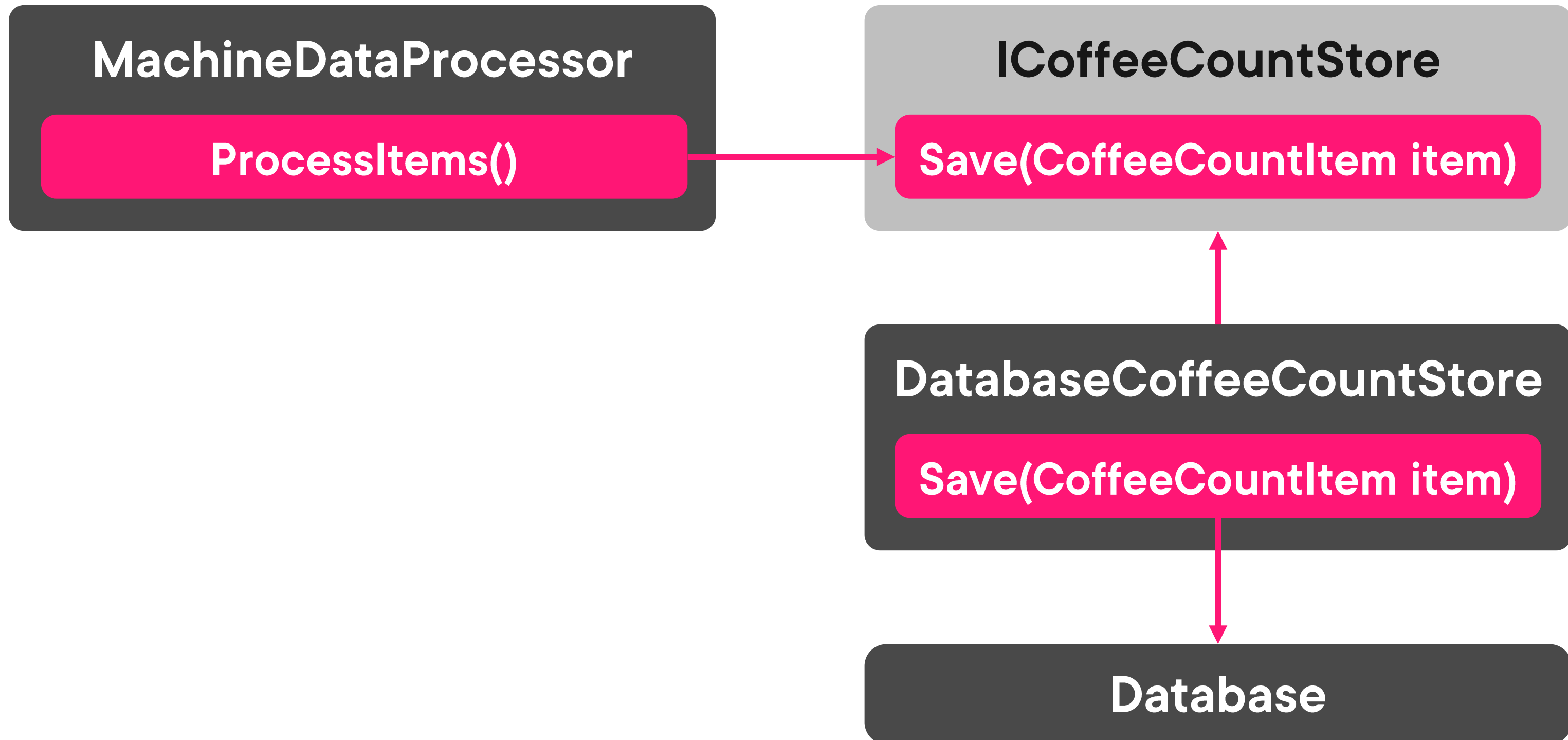
Single Responsibility Principle



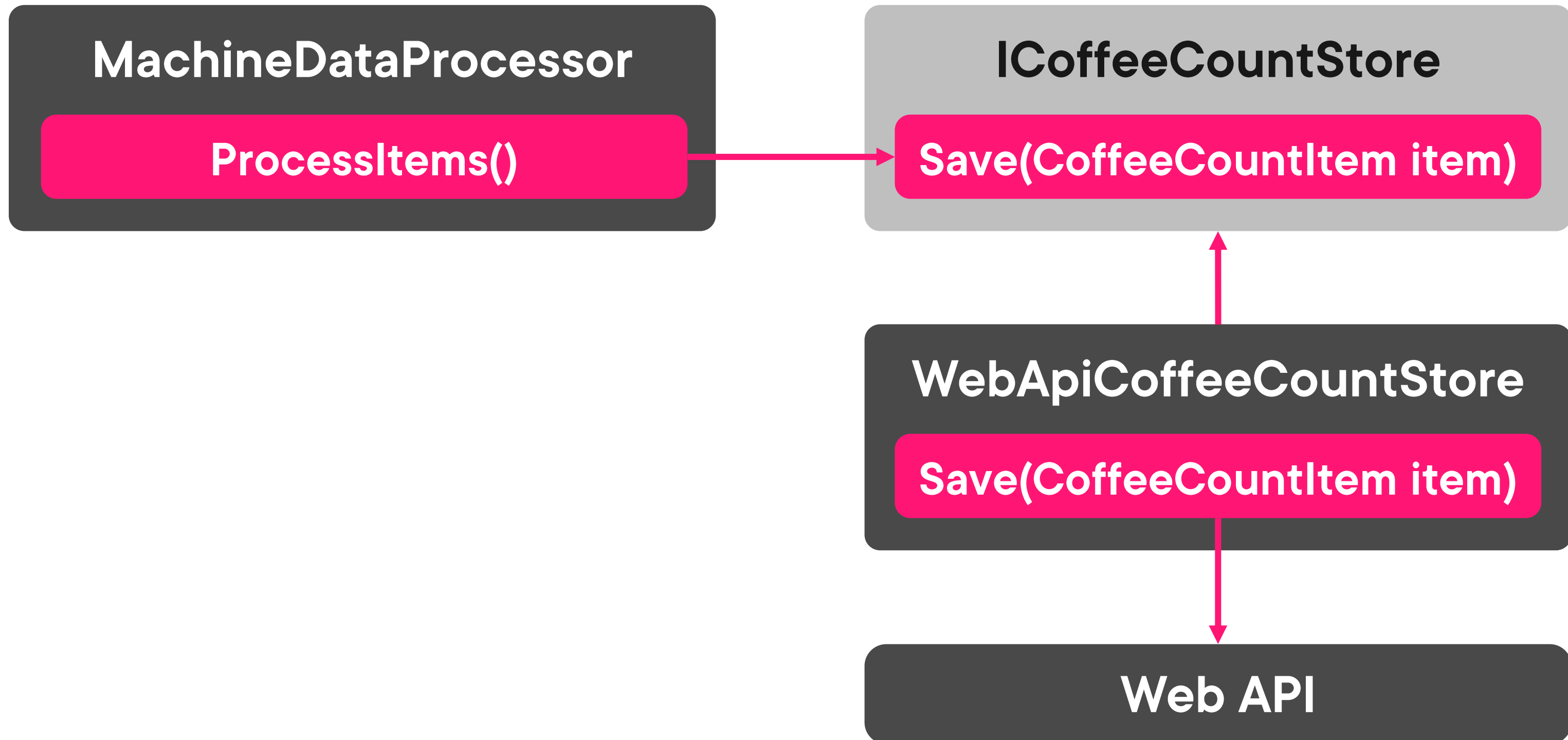
Know How to Decouple Dependencies



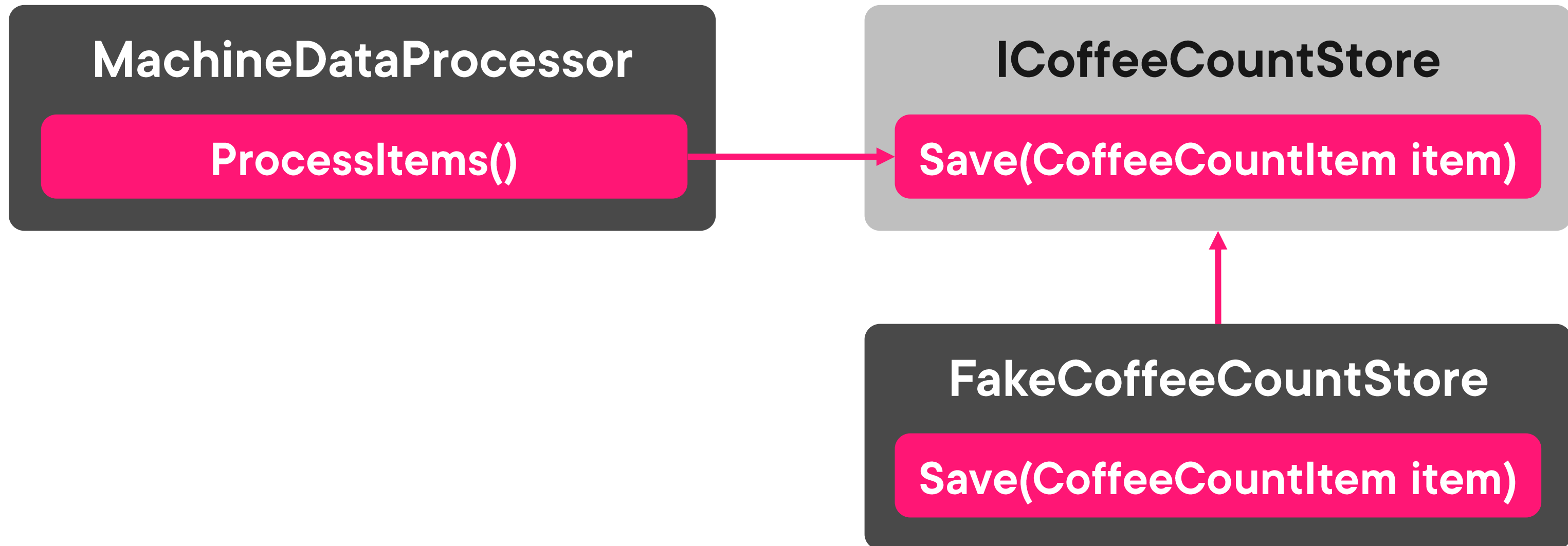
Know How to Decouple Dependencies



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Know How to Decouple Dependencies



Create an ICoffeeCountStore interface



Implement the test



Write another test



Run code before every test



Run code after every test



Test the ConsoleCoffeeCountStore



**Make the ConsoleCoffeeCountStore
class testable**



Summary

Decouple dependencies

- Test the MachineDataProcessor
- Create an ICoffeeCountStore interface
- Use the interface in the MachineDataProcessor class

Write unit tests

- Implement a FakeCoffeeCountStore

Run code before and after every test



Up Next:

Applying Test Driven Development

