

# Refactoring Legacy Code to Follow SRP



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# Overview



## Characterization Tests

### Tackling SRP with Types

- Reduce static cling
- Reduce primitive obsession





# Characterization Tests

Lock Existing Behavior In Place





**Running the App  
And  
Basic Characterization Tests**





## Refactoring

- Let's add some types
- Focus on Single Responsibility
- Extract low level code into methods



# Review After Refactoring to Follow SRP

**Less Tight Coupling**

**Fewer Primitives**

**Lower Complexity**



# Summary



**Characterization Tests**

**Applying Single Responsibility Principle**

**Removing Statics and Primitives**

**Leveraging Types**



**Up Next:**

# **Refactoring Legacy Code to Follow DIP and ISP**

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