Template Method Pattern

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Agenda

- Pattern Structure
- Example: Object-oriented Implementation
- Example: Functional Implementations

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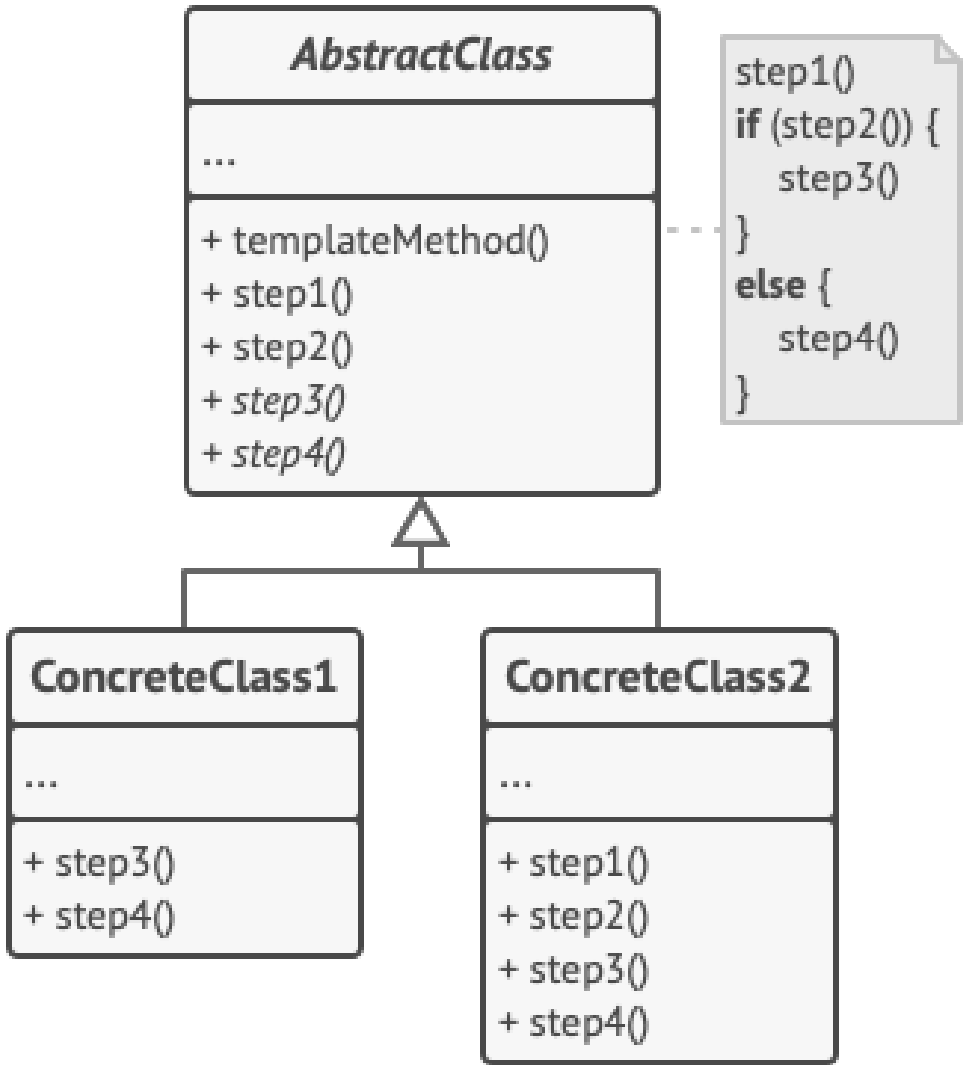
Pattern Structure

1. **The Abstract Class** declares methods that act as steps of an algorithm, as well as the actual template method which calls these methods in a specific order. The steps may either be declared abstract or have some default implementation.
2. **Concrete Classes** can override all of the steps, but not the template method itself.



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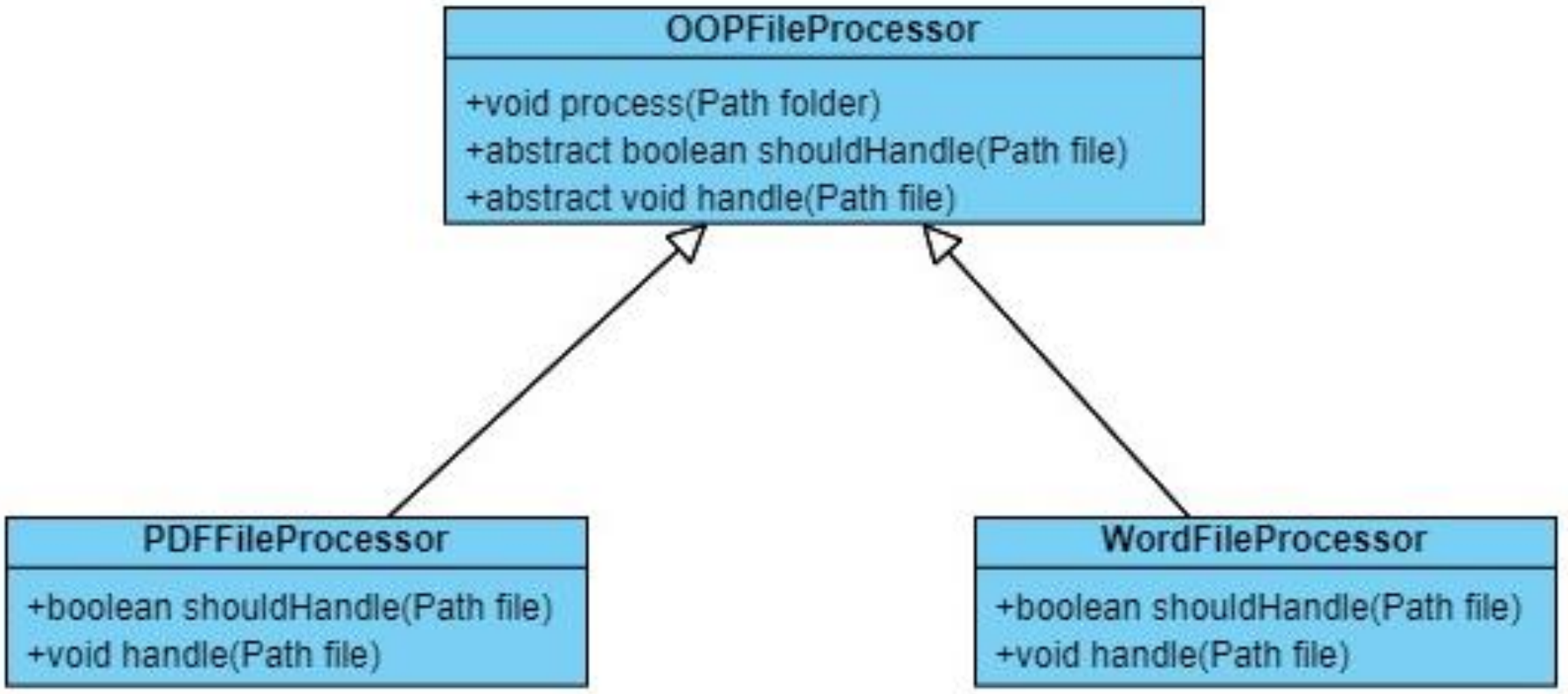
Example: Object-oriented Implementation



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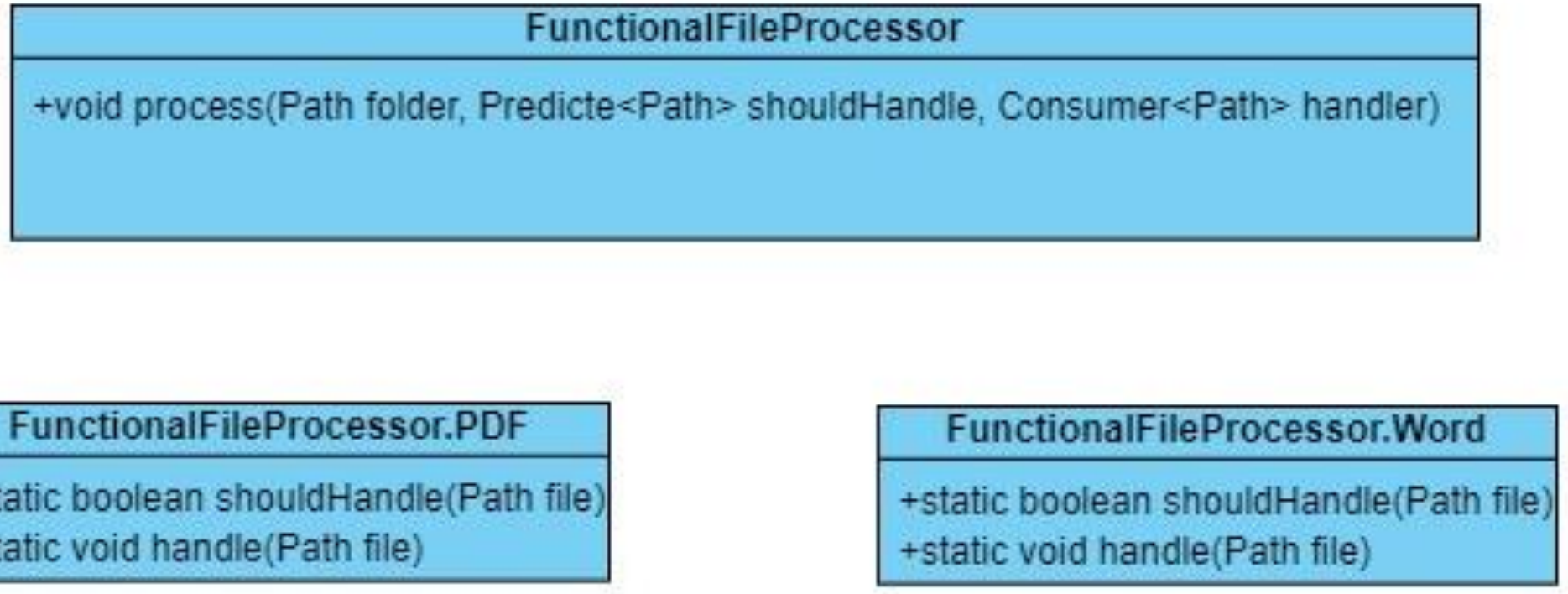
Example: Functional Implementation-1



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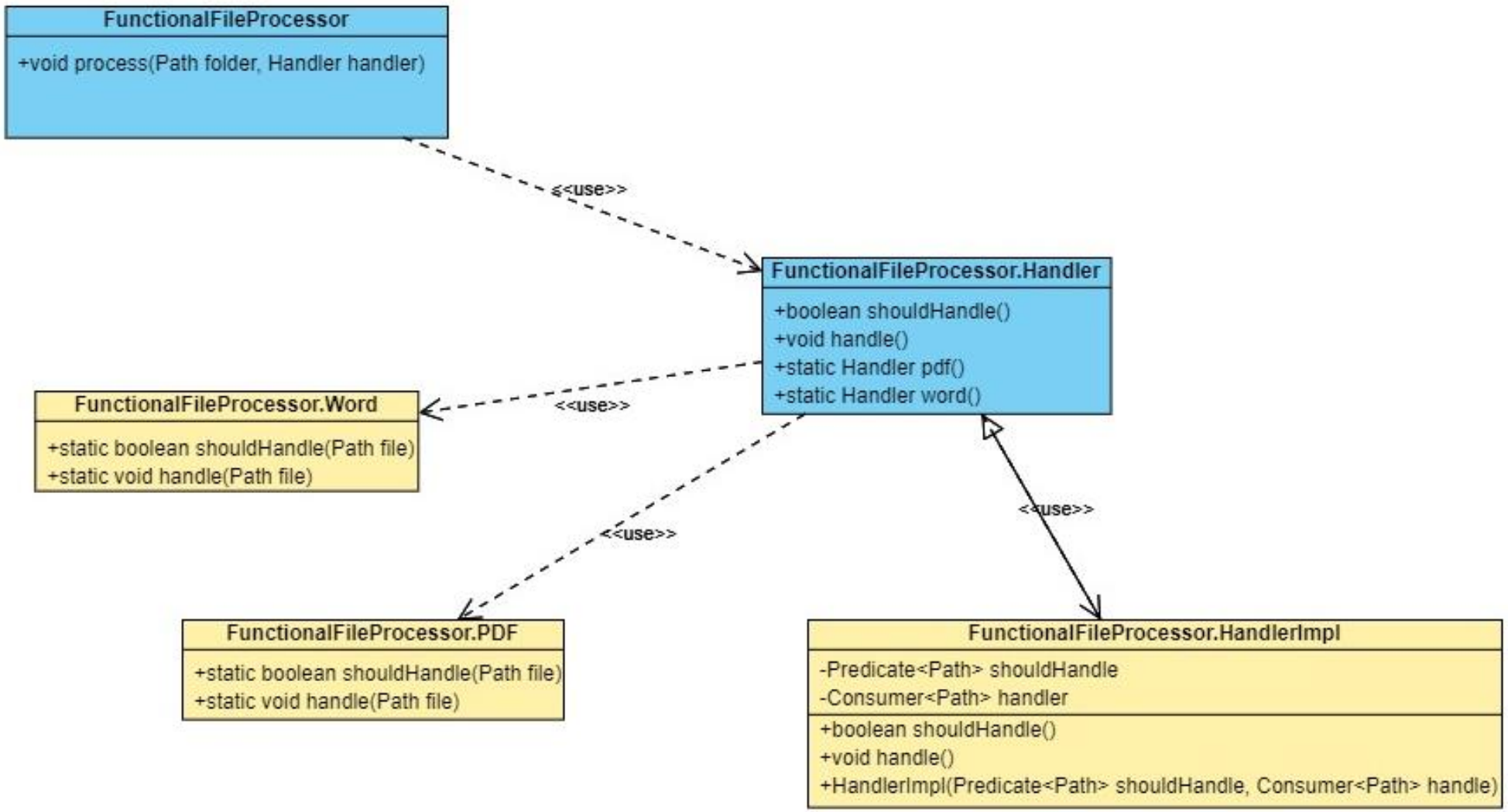
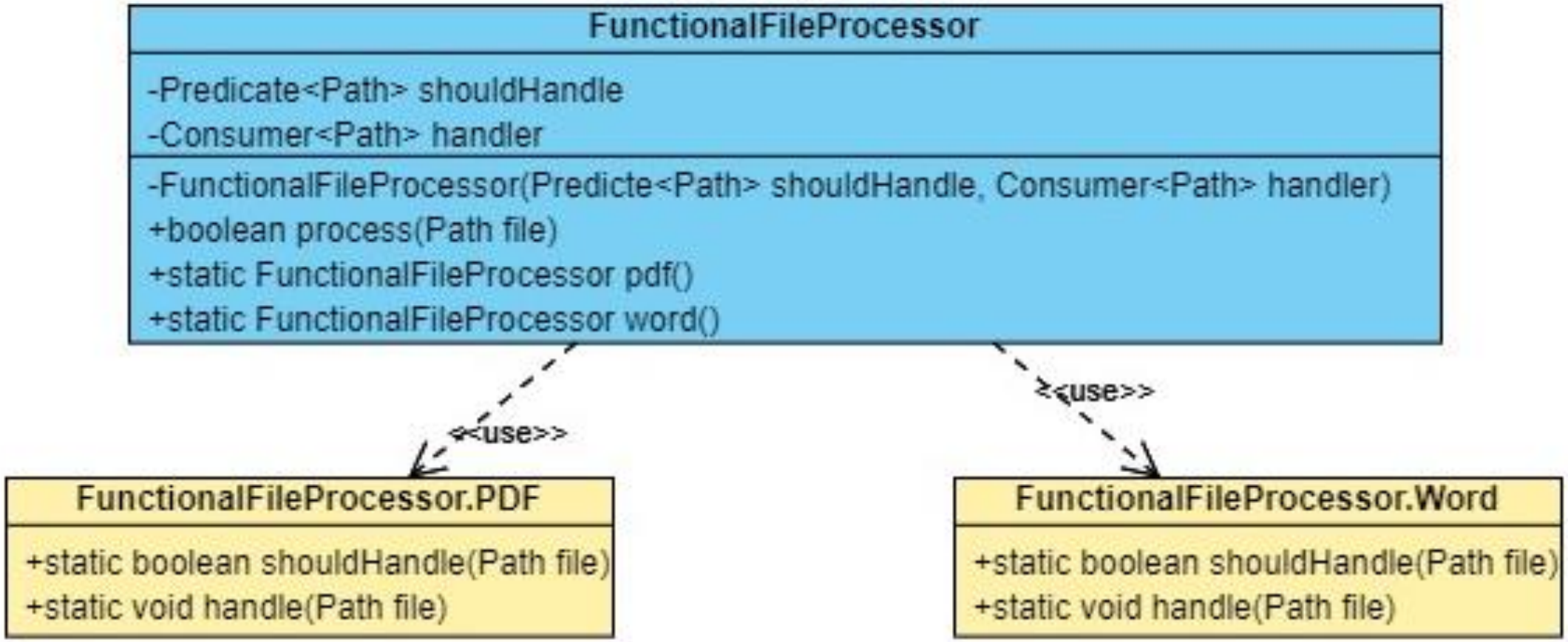
Example: Functional Implementation-2



Example: Functional Implementation-3



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