

| Smell | Refactoring |
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| Alternative Classes with Different Interfaces | Rename Method |
| | Move Method |
| | Extract Superclass |
| Comments | Rename Method |
| | Extract Method |
| | Introduce Assertion |
| Data Class | Move Method |
| | Encapsulate Field |
| | Encapsulate Collection |
| | Remove Setting Method |
| | Extract Method |
| | Hide Method |
| Data Clumps | Extract Class |
| | Preserve Whole Object |
| | Introduce Parameter Object |
| Divergent Change | Extract Class |
| Duplicated Code | Extract Method |
| | Pull Up Field |
| | Form Template Method |
| | Substitute Algorithm |
| | Extract Class |
| | Introduce Null Object |
| Feature Envy | Extract Method |
| | Move Method |
| | Move Field |
| Lazy Class (Freeloader) | Collapse Hierarchy |
| | Inline Class |
| Inappropriate Intimacy | Move Method |
| | Move Field |
| | Change Bidirectional Association to Unidirectional Association |
| | Extract Class |
| | Hide Delegate |
| | Replace Inheritance with Delegation |
| Incomplete Library Class | Introduce Foreign Method |
| | Introduce Local Extension |
| Large Class | Extract Class |
| | Extract Subclass |
| | Extract Interface |
| | Replace Data Value with Object |
| Long Method | Extract Method |
| | Introduce Parameter Object |
| | Decompose Conditional |
| | Preserve Whole Object |
| | Replace Method with Method Object |
| | Replace Temp with Query |
| Long Parameter List | Replace Parameter with Method |
| | Introduce Parameter Object |
| | Preserve Whole Object |
| Message Chains | Hide Delegate |
| | Extract Method |
| | Move Method |
| Middle Man | Remove Middle Man |

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|---|---|
| | Inline Method |
| | Replace Delegation with Inheritance |
| Parallel Inheritance Hierarchies | Move Method |
| | Move Field |
| Primitive Obsession | Replace Data Value with Object |
| | Introduce Parameter Object |
| | Extract Class |
| | Replace Type Code with Class |
| | Replace Code with State/Strategy |
| | Replace Type Code with Subclasses |
| | Replace Array with Object |
| Refused Bequest | Push Down Field |
| | Push Down Method |
| | Replace Inheritance with Delegation |
| Shotgun Surgery | Move Method |
| | Move Field |
| | Inline Class |
| Speculative Generality | Collapse Hierarchy |
| | Rename Method |
| | Remove Parameter |
| | Inline Class |
| Switch Statement | Extract Method |
| | Move Method |
| | Replace Type Code with Subclasses |
| | Replace Type Code with State/Strategy |
| | Replace Conditional with Polymorphism |
| | Replace Parameter with Explicit Methods |
| | Introduce Null Object |
| Temporary Field | Extract Class |
| | Introduce Null Object |