

# Program Development in Java Preface

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# Preface

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(Modularity)(interact)

(abstraction)——

JavaJava

# How Can the Book Be Used

Object-Oriented()

MIT

## What Is This Book About

### Program Modules

(abstraction mechanism)procedure()  
exception()(iteration)(family)  
(polymorphic)

(specification)specification  
specificationspecification

(encapsulation)—(representation  
invariant)(abstraction function)—

(type hierarchy)———specification

[1]  
.....

(regression)

## Programming in the Large

abstractionspecification

——specification

[2](stub)  
.....

(design pattern)

[3]  
.....

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[1] specificationspecification  
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[2] (stub)  
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[3] ——Design Patterns—Elements of  
Reusable Object-Oriented Software,“  
”GoF(Gang of Four)23C++Smalltalk

