

# PIM - Developer Manual

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**Project Name:** Personal Information Manager

**Group Number:** 13

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## Development Platform

- OS System
  - MacOS
  - Linux
  - Unix
- Development IDE
  - IntelliJ IDEA (Version 2023.2.5)

## Programming Language

- Java
  - JDK (Version 17.0.4)
  - JUnit Test (Version 5.8.1 & 4.13.1)
    - apiguardian-api-1.1.2.jar
    - hamcrest-core-1.3.jar
    - junit-4.13.1.jar
    - junit-jupiter-5.8.1.jar
    - junit-jupiter-api-5.8.1.jar
    - junit-jupiter-engine-5.8.1.jar
    - junit-jupiter-params-5.8.1.jar

- junit-platform-commons-1.8.1.jar
- junit-platform-engine-1.8.1.jar
- opentest4j-1.2.0.jar

## Code Structure

```
|— PIM.iml
|— lib
|   |— junit-jupiter-5.8.1.jar
|   |— junit-jupiter-api-5.8.1.jar
|   |— junit-jupiter-engine-5.8.1.jar
|   └─ junit-jupiter-params-5.8.1.jar
|— src
|   |— controller
|   |   |— Auth.java
|   |   |— Contact.java
|   |   |— Event.java
|   |   |— Export.java
|   |   |— Import.java
|   |   |— Input.java
|   |   |— Note.java
|   |   |— PIM.java
|   |   |— Search.java
|   |   └─ Todo.java
|   |— input
|   |— model
|   |   └─ SimpleDatabase.java
|   |— output
|   └─ view
|       └─ Pages.java
└─ test
    └─ ProjectTest.java
```

# Code Usage

- Terminal
  - PIM Compile

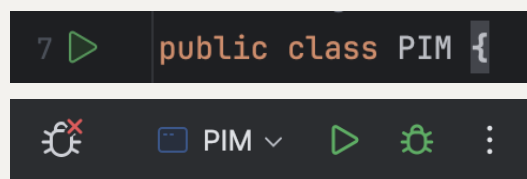
```
./PIM.sh -c  
## OR  
./PIM.sh --compile
```

- PIM Help

```
./PIM.sh -h  
## OR  
./PIM.sh --help  
## OR  
./PIM.sh
```

```
Apple > ~/De/GitHub /personal-information-manager > main ?1 ./PIM.sh  
Usage: ./PIM.sh [options]  
Options:  
-h, --help      Display this help and exit  
-c, --compile   Compile PIM Java files  
-r, --run       Run the PIM Java program
```

- IntelliJ IDEA
  - PIM Compile & Running



- Unit Test

