PIM - Developer Manual

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

```
├── controller
│   ├── Auth.java
│   ├── Contact.java
│   ├── Event.java
│   ├── Export.java
│   ├── Import.java
│   ├── Input.java
│   ├── Note.java
│   ├── PIM.java
│   ├── Search.java
│   └── Todo.java
├── model
│   └── SimpleDatabase.java
└── view
    └── Pages.java
```

Code Usage

- Terminal

    - PIM Compile

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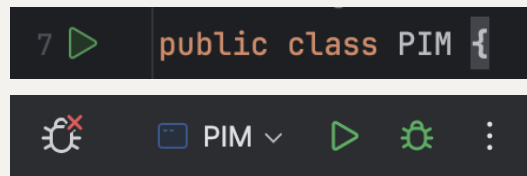
- PIM Help

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



```
  ~/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