Installation Instructions

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Warnings:

Java is not a secure language. When you allow an application to use Java make sure you know it is a safe application. SimpleMailClient does not access any computer information other than the date and time.

Cautions:

SimpleMailClient does not have good memory management. The application requires less than 100Mega Bytes (MB) to start. However, as the application is used (windows opened, messages created, etc) it holds onto the memory it no longer needs. This can cause:

- the computer not to be able open up other applications
- the application to crash
- slow computer performance while application is running

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1 System Requirements

1.1 Software Requirements

SimpleMailClient (SMC) was designed using a Java Runtime Environment (JRE). JRE can run on a variety of operating systems including Windows, OS X, and many Linux platforms. To check if your computer has Java, visit "www.java.com/en/download/installed.jsp". The website checks if your computer has Java and if it is up to date. Picture of website is shown in Figure 1.1.
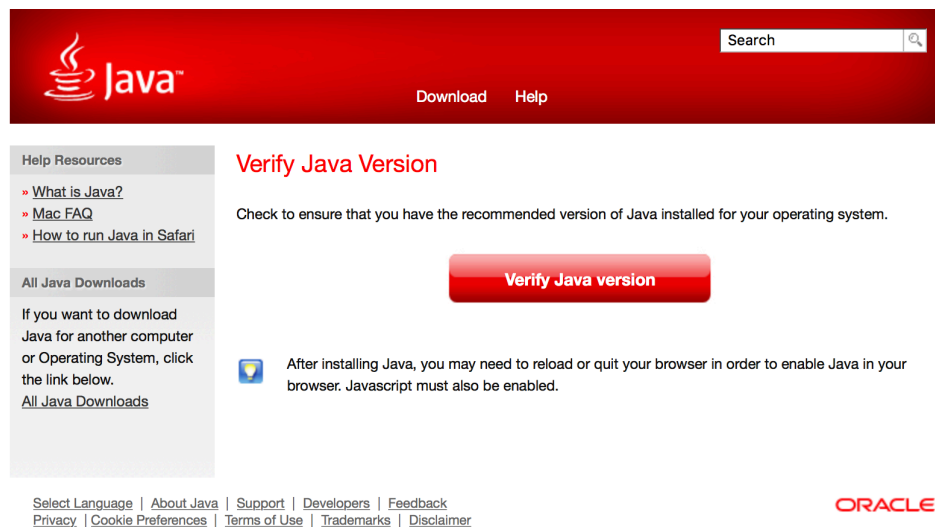

Figure 1.1 Screen shot of website to verify java version.

If your computer does not have Java, you can download the latest version at "www.java.com/en/download/". The website recognizes your operating system and offers the appropriate Java version. Download the proper version of Java for your computer and follow the installation instructions.

1.2 Hardware requirements

In addition to the hardware requirements for Java, SMC will need a minimum of 100 MB of RAM and 1 MB of hard drive space. The RAM requirements will grow as SMC runs due to poor memory management. There should not be nay problems unless there are more than 50 message windows open. No internet connection is required.

2 Overview of SimpleMailClient

SMC was designed and developed to simulate an email sever with multiple Users and their Accounts. SMC is <u>not</u> a working email sever or email client. SMC simulates sending messages by passing the message to the requested account through SMC's architecture. For further information, please refer to the User Guide.

No changes or updates are planed for SMC in the future. However, the source code is included and can be modified to fit the user's wants.

3 Installation and Start-Up

Installing SimpleMailClient is very easy: simply drag the folder "FunctioningPlanE" to the desired storage location. The storage location may be anywhere the user can access on the system. It is recommended the location be easy to find and access. That is it! SMC has been installed.

(Optional) Create a desktop shortcut:
1. Open the folder "FunctioningPlanE"
2. Scroll two the bottom of the folder to find "SimpleMailClient.class"
For Windows users

      1. Right click "SimpleMailClient.class"
      2. Select "Create shortcut"
      3. Select "Yes" to create shortcut on the Desktop

For Mac users (Figure 3.1)

      1. Right click "SimpleMailClient.class"
      2. Select "Make alias"
      3. Drag and drop "SimpleMailClient.class alias" anywhere you wish to open SMC
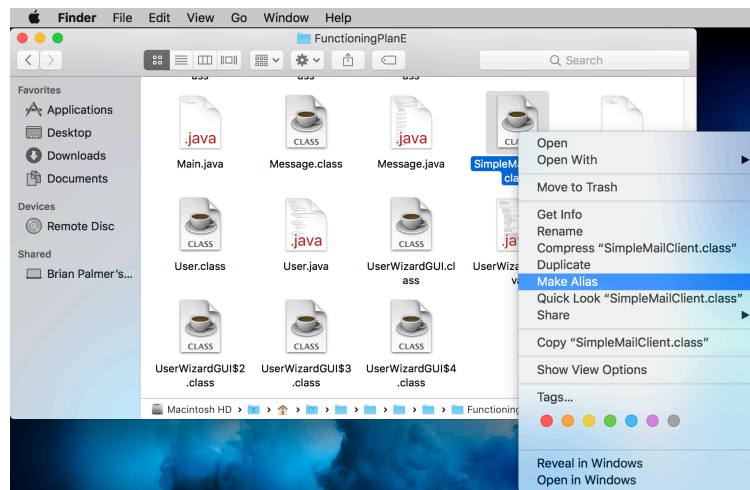

Figure 3.1 Location of "SimpleMailClient.class"

For Linux system users

      Linux has multiple ways to make a desktop shortcut. Two of the more common and friendlier ways will be explained below.
      The first way is the similar to Windows and Mac.
      1. Right click "SimpleMailClient.class"
      2. Select "Create Link"
      3. Move link to Desktop

      The second way is unique to Linux
      1. Right click on the Desktop

2. Select "Create Launcher"

3. In the "Name" field type "SimpleMailClient"

4. In the "Command" field type "java /location/of/SimpleMailClient.class." Fill in 'location of SimpleMailClient.class' with the file path to SimpleMailClient.class. For example: /home/user/Documents/ FunctioningPlanE/SimpleMailClient.class

5. Click "Create"

Launching SMC

If Desktop shortcut was made, double click the Desktop shortcut. Otherwise, to open SMC manually:

1. Open the folder "FunctioningPlanE"

2. Scroll to the bottom of the folder to find "SimpleMailClient.class"

3. Double click "SimpleMailClient.class" or right click and select "Open"

4 Trouble Shooting

SMC does not launch.

1. Make sure "SimpleMailClient.class" is being launched and not "SimpleMailClient.java."
2. Check to make sure all the ".class" files are located in the same folder.
3. Check to see if java is installed. Open a terminal (for Windows: open start menu and type into search field "cmd"; for Mac: press '⌘+Space' and type terminal; for Linux: press 'CTRL+ALT+T'). In the terminal, type "java -version." If java is not found, follow the instructions in System Requirements -> Software Requirements.

Notes:

MB: Mega Bytes, a storage unit of computer memory

Java Runtime Environment (JRE): a system that can be downloaded for most Operating Systems. It is required for java applications to run. The Java language has security risks and should not be used by untrusted applications.

RAM: Randomly Accessed Memory, where applications are opened and used before termination