**Documentation for Datavyu to Supercoder Reformatting:**

This program reformats data from Datavyu that are in milliseconds to data in frames so that it can be compatible with Supercoder. This program also gets the start times for each trial in frames, milliseconds, and in elapsed time.

This program contains three files (DatavyuToSupercoder.java, DatavyuObject.java, and DatavyuToSupercoder.jar) and two folders (Input and Output). DatavyuToSupercoder.jar is the runnable jar file that we will run, in order to convert Datavyu data into Supercoder data. The DatavyuToSuper.java and DatavyuObject.java files are the source code. The Input folder is where you will place all csv files that needs to be reformatted and the Output folder is where the new reformatted data will be stored.

**Running DatavyuToSupercoder.jar on Mac**

In order to run this file on a Mac, you will need the Java JDK installed and have access to the Terminal.

The Java JDK installation can be found here: <https://www.oracle.com/java/technologies/javase-jdk11-downloads.html>

Before we run the program, input all csv files that needs to be reformatted into the Input folder.

Table

Description automatically generated with medium confidence

Open the Terminal. Use the change directory command (**cd**) to move to the folder where the java files are placed. For example, my java files are placed under \Users\jacksonxiao\Desktop\DatavyuToSupercoder. When I open my Terminal, I am in \Users\jacksonxiao. You can use the **pwd** command to check your current directory. I use **cd Desktop** and **cd DatavyuToSupercoder** to move to the folder where the java files are located. The **ls** command helps confirm that I am in the right folder.

*Graphical user interface, text, application, email

Description automatically generated*

*Navigation to correct folder using Terminal.*

Once you are in the correct folder within the Terminal, type **java -jar DatavyuToSupercoder.jar** and press “enter” to run the program.

If successful, the program should print out a success message for each Excel file within the Input folder and output the new reformatted csv files into the Output folder.

Graphical user interface, text, application

Description automatically generated

*Output messages after running program*

*Table

Description automatically generated*

*Reformatted Excel files are placed in the Output folder*

**Running DatavyuToSupercoder.jar on PC**

In order to run this file on a PC, you will need the Java JDK installed and have access to the Command Prompt.

The Java JDK installation can be found here: <https://www.oracle.com/java/technologies/javase-jdk11-downloads.html>

Before we run the program, input all csv files that needs to be reformatted into the Input folder.

*Graphical user interface, application

Description automatically generated*

Open the Command Prompt. Use the change directory command (**cd**) to move to the folder where the java files are placed. For example, my java files are placed under \Users\Jackson Xiao\Desktop\DatavyuToSupercoder. When I open my Command Prompt, I am in \Users\Jackson Xiao. I use **cd Desktop** and **cd DatavyuToSupercoder** to move to the folder where the java files are located. The **dir** command helps confirm that I am in the right folder.

Text

Description automatically generated

*Navigation to the correct folder using Command Prompt*

Once you are in the correct folder within the Terminal, type **java -jar DatavyuToSupercoder.jar** and press “enter” to run the program.

If successful, the program should print out a success message for each csv file within the Input folder and output the new reformatted Excel files into the Output folder.

Text

Description automatically generated

*Output messages after running program*

Graphical user interface, application

Description automatically generated

Reformatted Excel files are placed in the Output folder