**CUS File Generator Guide**

# Setup

## Running Java

After pulling the repository from GitHub, open the project folder in Visual Studio Code (VS Code). The CUS Generator is written in Java. Make sure that a Java Development Kit (JDK) is installed onto the current computer and the “Extension Pack for Java” extension is installed in VS Code.

A screenshot of a computer

Description automatically generated

## CSV File

The parameters for each CUS File to be generated must be specified in a single CSV file. This file must be located within the same folder as CUSgenerator.java. Each line contains the parameters of a single CUS File and must follow the following format:  
 StartXPos, SYPos, SZPos, SXRot, SYRot, SZRot, InitVelocity, InitAccel, TotalFrames, TimePerFrame

Note: Only the first 10 values of each line are read. The program will crash if any of those 10 values are not numbers.

Here is a screenshot of an example CSV file will be used to generate 18 CUS Files:  
A screenshot of a computer

Description automatically generated

# Running the Program

The easiest way to run the program is through VS Code. Under the **Run** tab, click **Run Without Debugging**, or by pressing **Ctr + F5**.

A screenshot of a computer

Description automatically generated

Follow the steps shown in the Terminal at the bottom of VS Code. If done correctly, The CUS Files will be generated and located in the same folder. If the explorer doesn’t show any new files, hover over it and click the refresh button at the top. The suffix “-x.cus” corresponds to the line it came from in the CSV file.   
A screenshot of a computer

Description automatically generated

