

TalkBox Project EECS2311

TalkBox User Manual
EECS2311 Submission: Group 8

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I. Introduction:

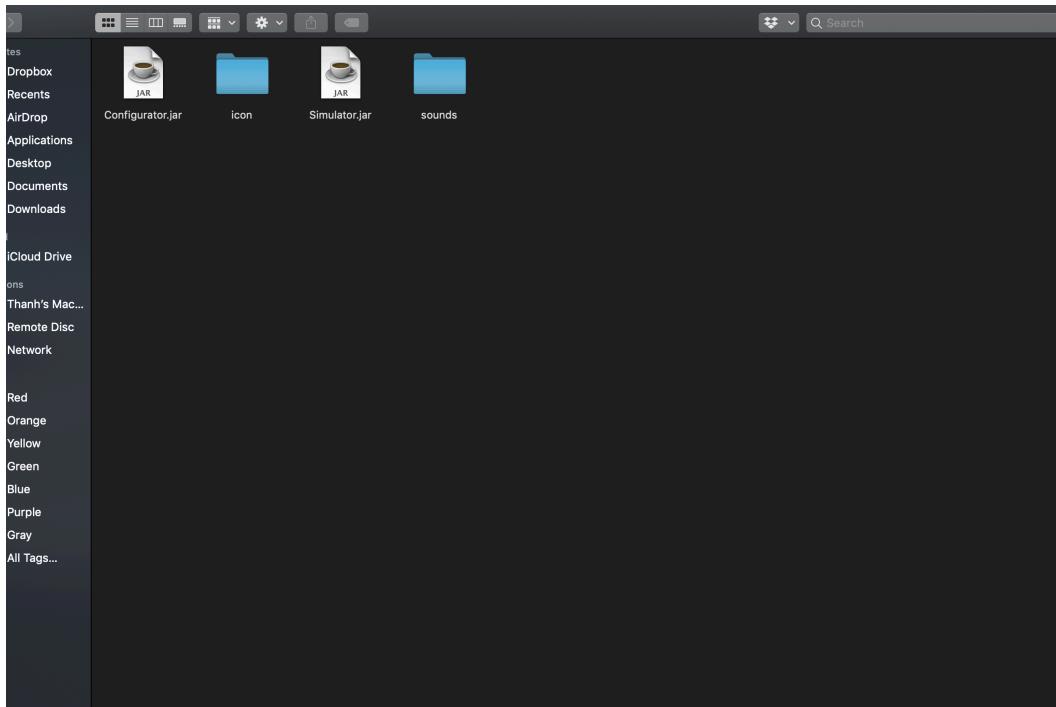
The purpose of the TalkBox application is to introduce a virtual environment allowing the simulation of a TalkBox. This software is suited towards users who are unable to speak or don't want to speak.

The software use simple drag and drop to help people add audio files and icon on the buttons.

The number of buttons in the app is configurable.

Get Start

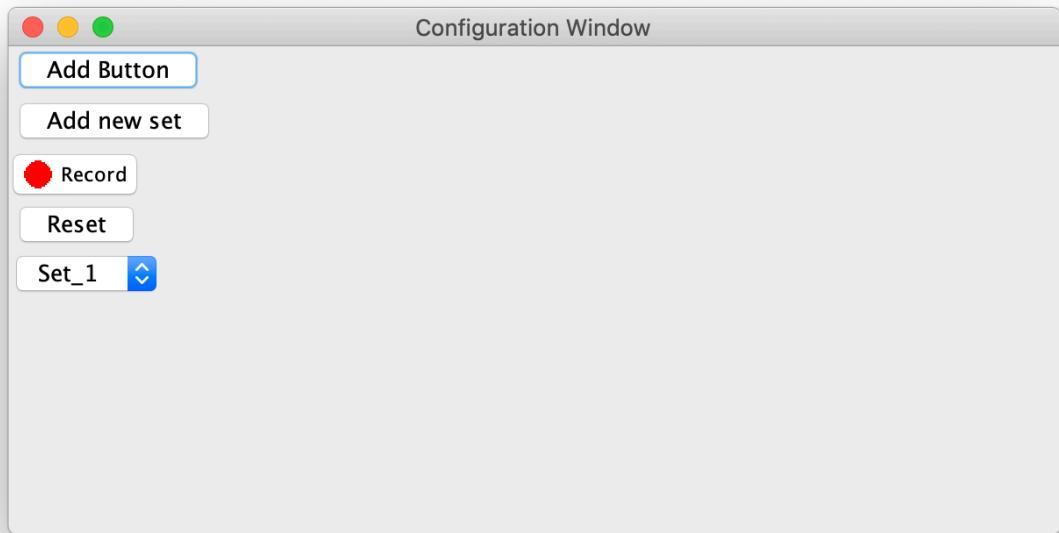
1. Go to : <https://github.com/Anaslshtiaque/TalkBox.git>
2. Download the zip file TalkBoxApp.
3. Find files in your download folder
4. Unzip the TalkBoxApp.zip file
5. Inside the folder TalkBoxApp, there will be two apps that you can use. One is the Simulator.jar, which is the main app. The other one (Configurator.jar) is the Configurator App where you can add more buttons including the image and sounds for according button.



Screenshot shows how the files should have.

How to use Configurator

After you opening the configurator.



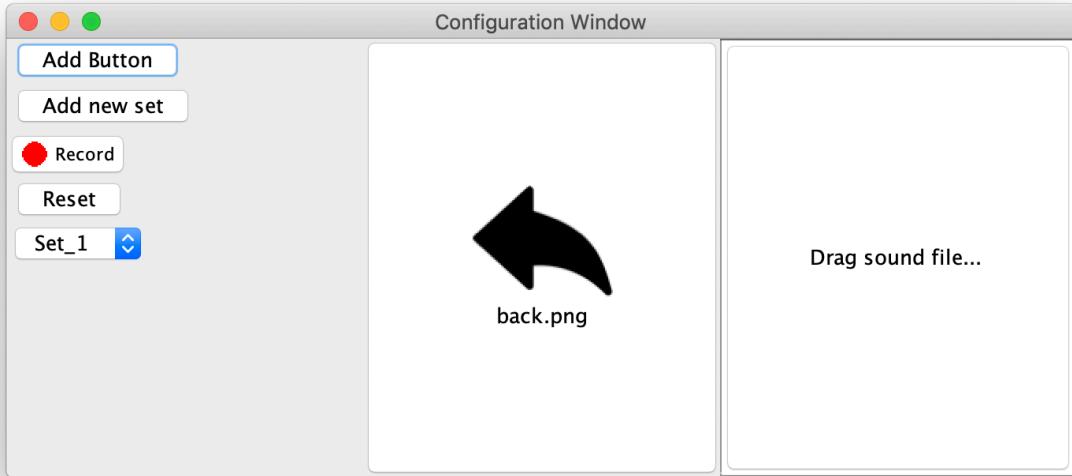
Press the button “Add”



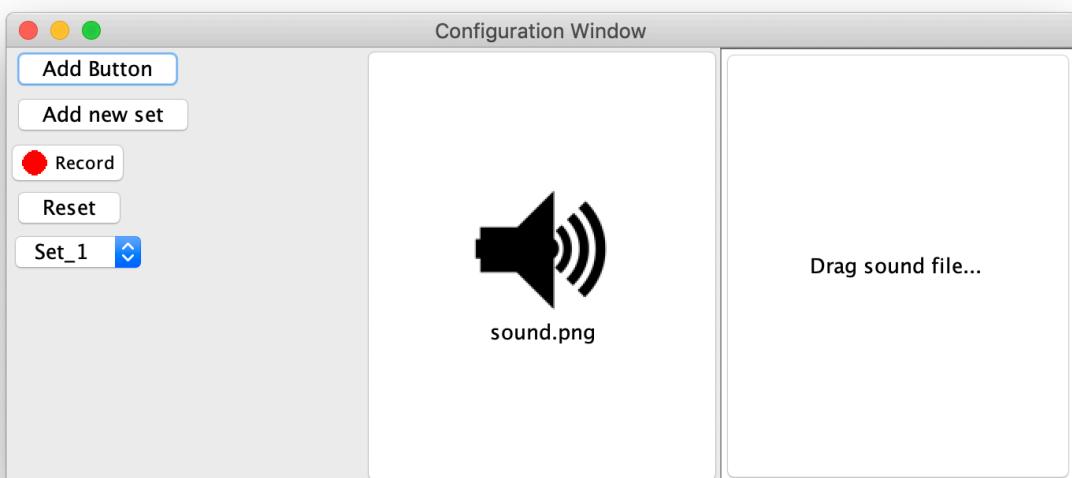
There will pop two windows.

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Drag and drop any icons from the icon folder.

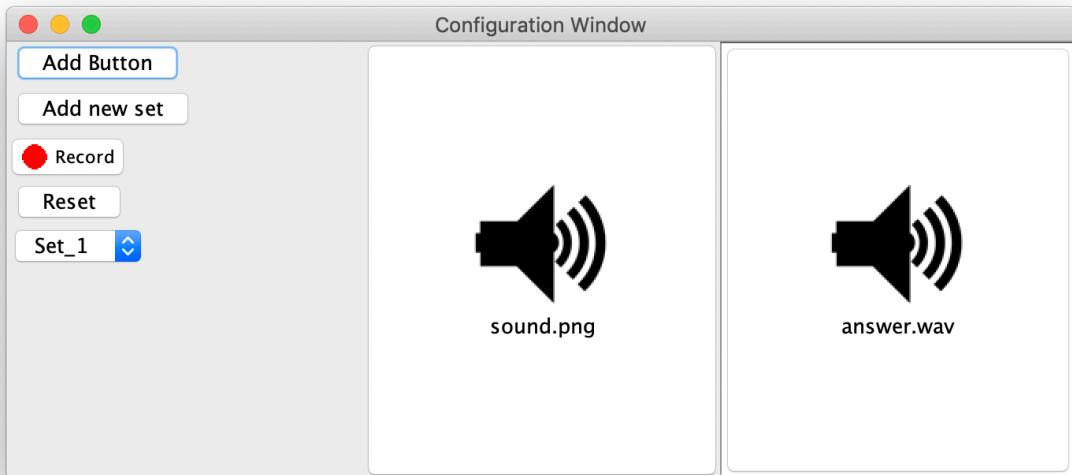


If you want to change another photo, just drag and drop another icons on the same position.

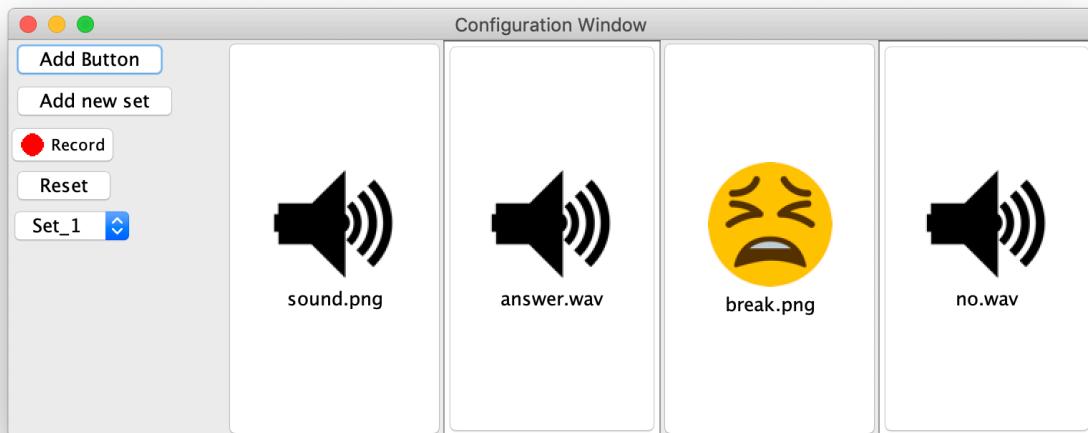


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In the same way, you can add your audio file to the button by drag and drop the audio file on the right window. If the audio file successful dropped, there will appear an sound audio icon.



After you finish editing the first button, press the “Add” button to add a new button. Then add you pictures and audio file in the same way.



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Button reset;

If you want to reset buttons, just press Reset button, the configurator will be reset. All the audio files and icons will be removed from configurator.



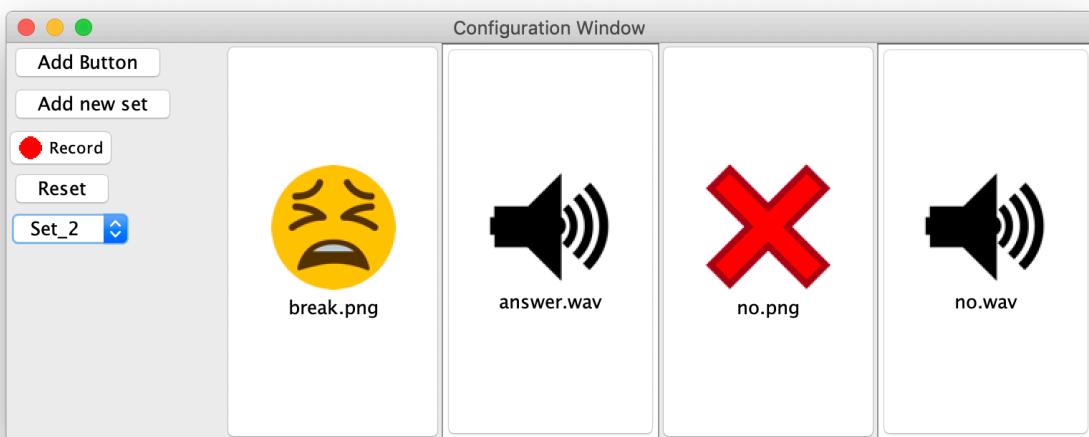
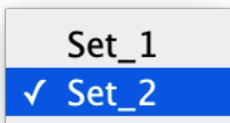
Record audio;

If you want to record your own sound, just simply press Record button. If the sound is recording, the icon of Record button will be change to stop icon. After you finishing recording sound, just press "Press to play" to hear.



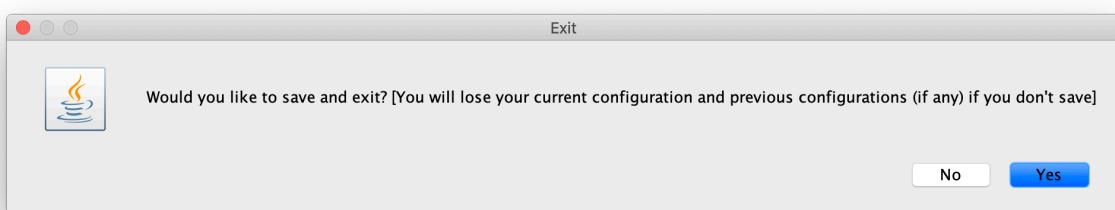
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If you want to add a new set, just press “Add new set” button. After pressing button, all the file in set one will be saved, and you can not edit them. Then you need to chose set_2 in the set selection. You can just keep adding files in the new set, previous set button will not disappear.



Saving files;

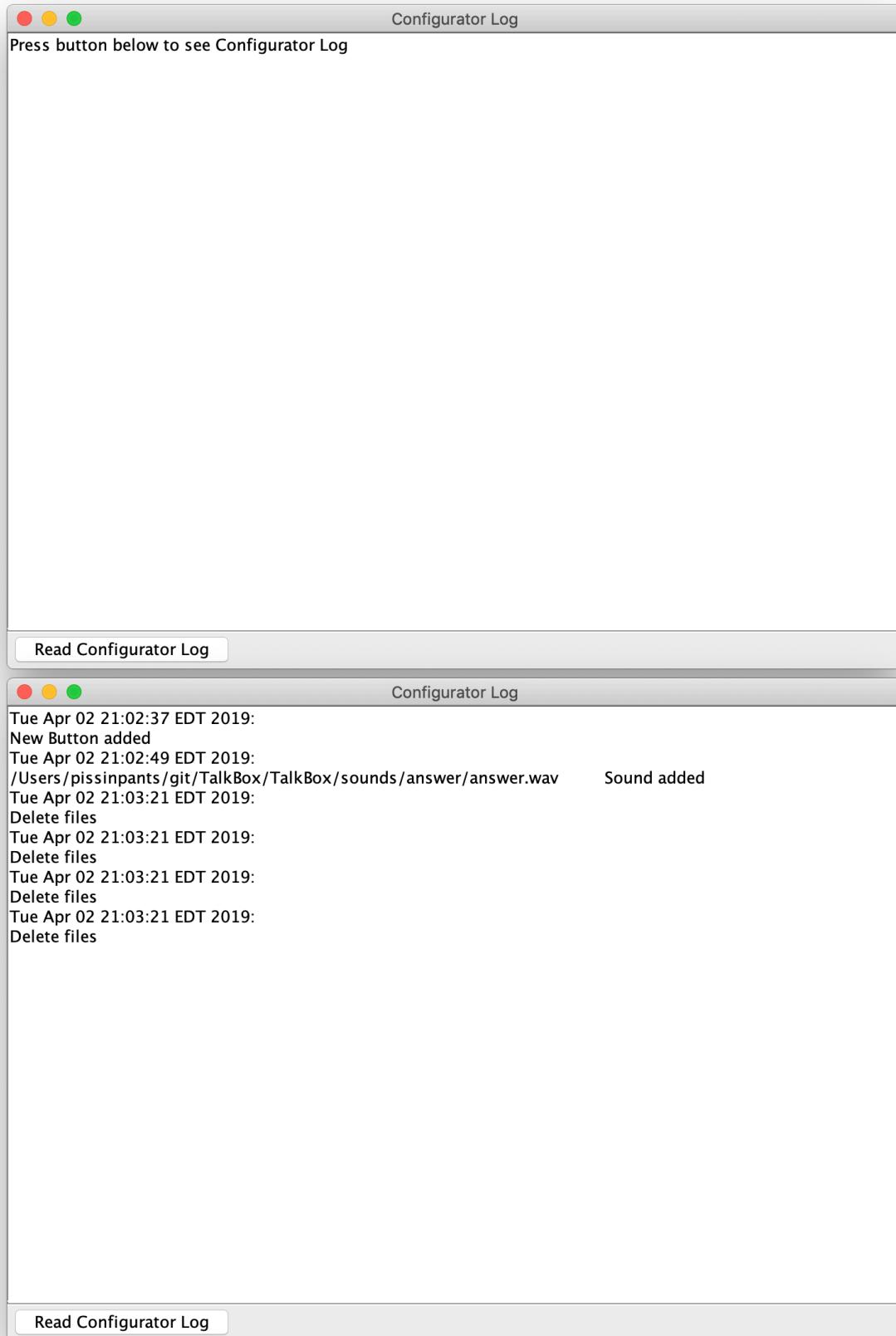
If want to save file, just close the window. Then another window will pop up. Choose “Yes” to save, no to exit.



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Configurator Log;

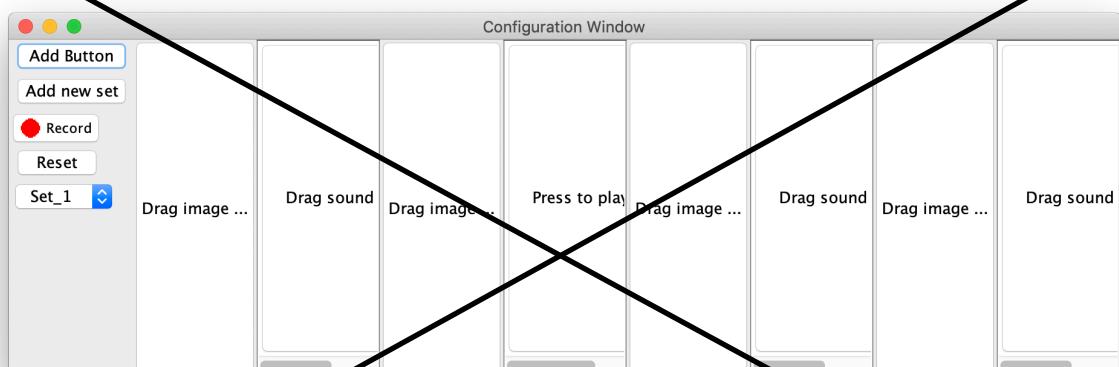
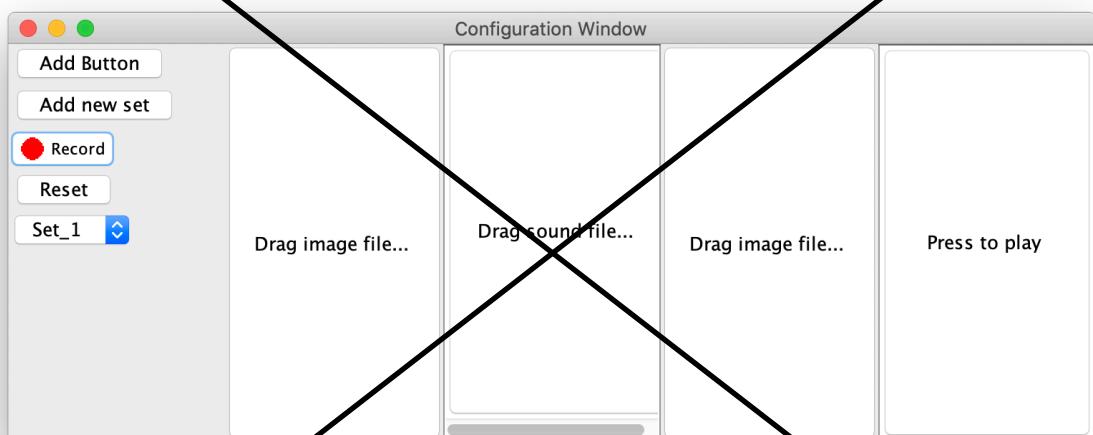
If you want to see the configurator log, just open TBCLog app. Then press the “Read Configurator Log” button.



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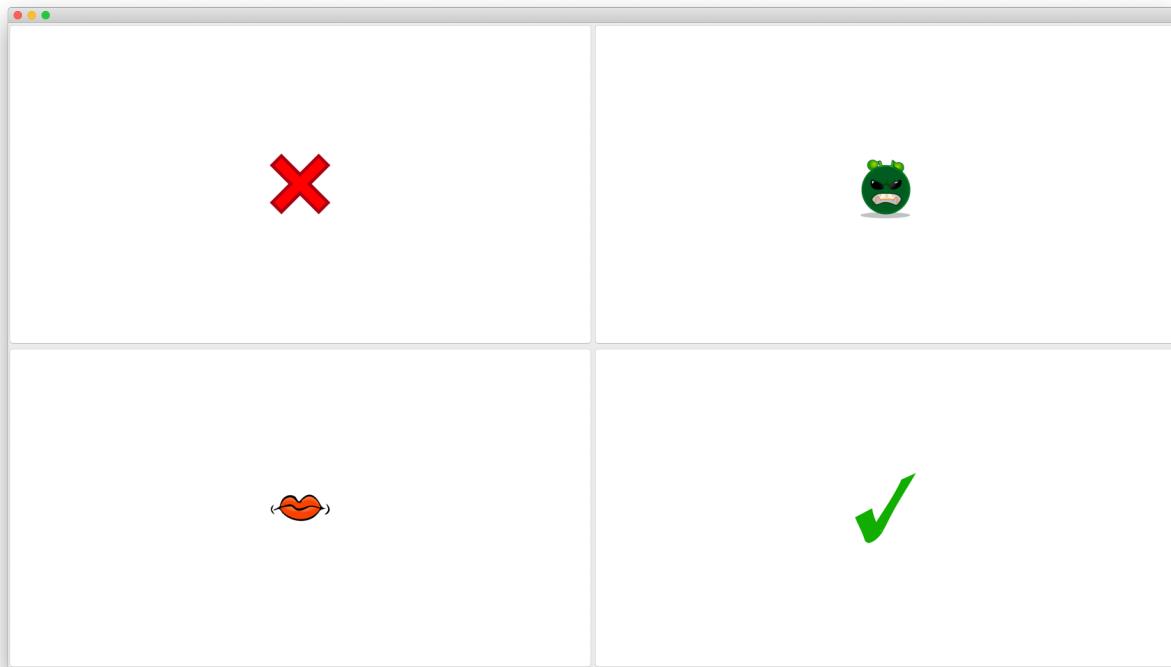
Caution:

You can change or add images on the current button any time you want but you cannot change images after you dragging an audio file on right window. Only press “Add” button after you finish adding audio files. Do not drop several audio file on the right window. Remember, the audio file can only be added once per button. You must have an icon on each button before you drag the audio file on right window or no icons for all buttons at all. You can not record a sound if previous button was not edited.



How to use simulator:

After you finish editing configurator. Open the file simulator.java
The first row will be you Set_1, the second row will be you Set_2;



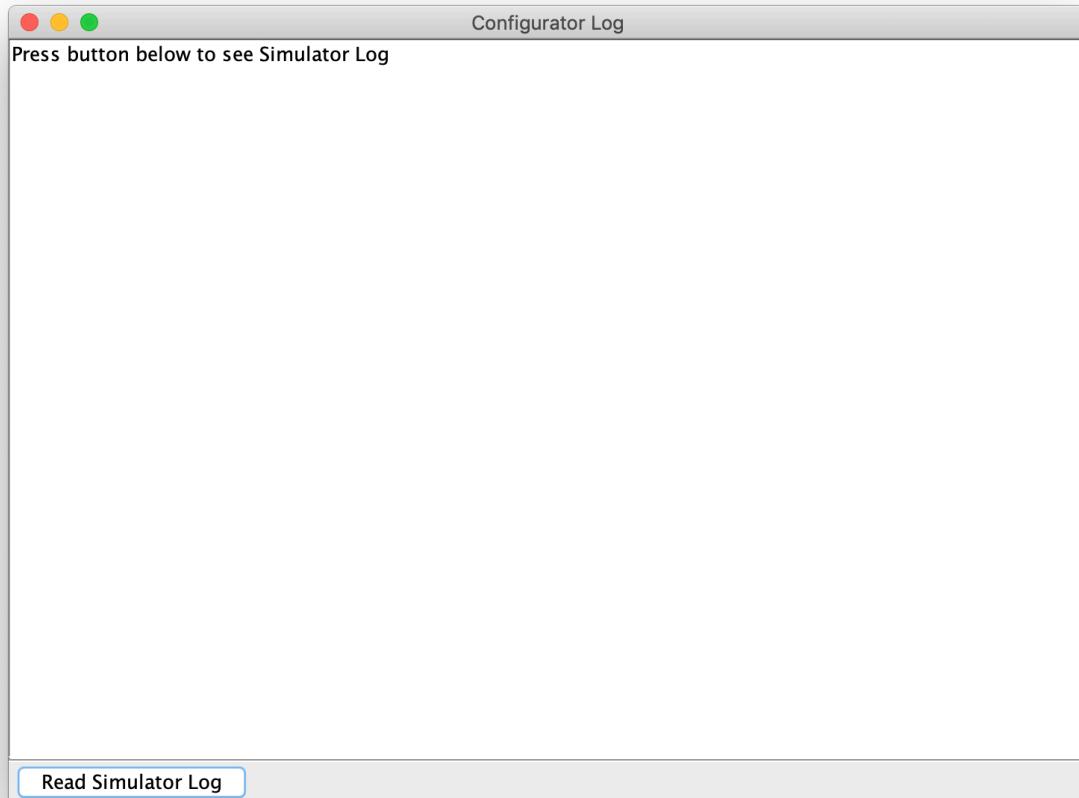
Reset simulator;

If you want to reset simulator, you can just go back to configurator, the press “ Reset” button. You can press several times to ensure that the simulator is being reset.

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Simulator Log

If you want to see simulator log, just open configurator app, then press the "Simulator Log" button. Then press "Read simulator Log".



Caution

You can not open an empty simulator, you must use configurator first to edit buttons. You must have same number of buttons each set.