

# VARPEDIA: USER MANUAL

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## LAUNCHING THE PROGRAM

VARpedia is currently only supported by the Linux operating system, more specifically it is designed to run on a Virtual Machine with the updated VirtualBox image and all its installed libraries.

In order to run the easy to use method for this application you need the VARpedia.jar file, VARpedia.sh file, flickr-api-keys.txt file, Music folder with the mp3 files Action,Calm,Happy,Sad,Scary and the Style file, all inside the same directory.

You then need to run the VARpedia.sh file using ***./VARpedia.sh*** in the terminal for that directory and the process should begin.

When VARpedia is first launched, it will create two folders in the current directory (where you launched the script file): “Creations” and “Quiz”.



Figure 1

Whenever VARpedia is launched, the first page will be the Main Menu screen (as shown above in Figure 1). From here you can:

- Play Creations
- Create new Creations
- Delete Creations already made
- Quiz yourself on your Creations
- Quit the Application

Also shown on the left is a list of current creations that you can select from.

## MAKING A CREATION (SEARCH)



Figure 2.1

Pressing the “Create” button will bring you to the search page, where you will be prompted to enter the term you wish to search. This term is entered in a text field (highlighted on the right in Figure 2.2) and will be what determines the wiki page that VARpedia searches for.

To start making a creation, first press the “Create” button on the Main Menu (highlighted left in Figure 2.1).

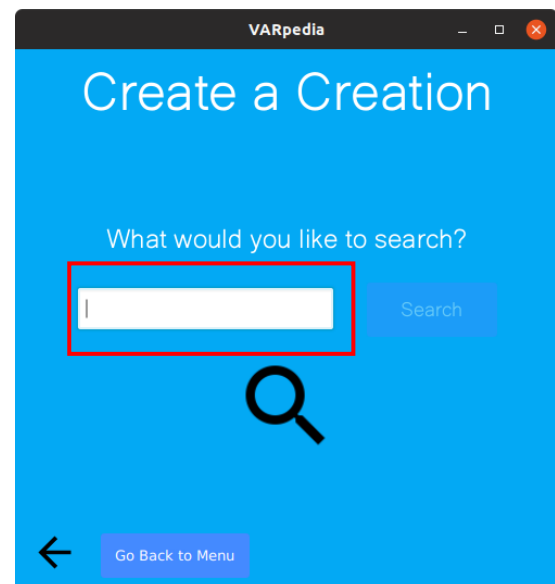


Figure 2.2

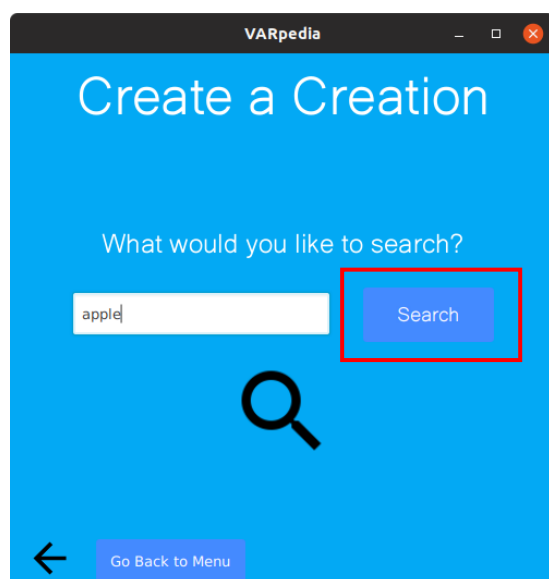


Figure 2.3

Before entering any terms, the “Search” button (highlighted left in Figure 2.3) will be greyed out, not allowing you to press it.

Once a term has been entered, you will now be able to press the “Search” button and continue the process of making a Creation.

## MAKING A CREATION (TEXT SELECTION) 1

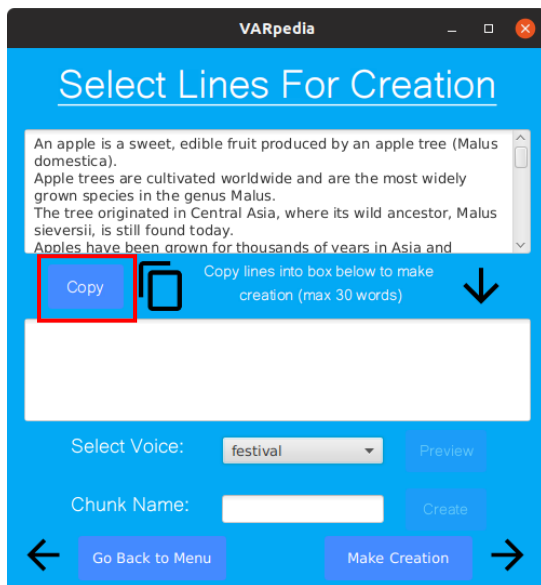


Figure 3.1

Once you have some text placed in the bottom box, you are now ready to create a 'chunk' of text-to-speech audio. You can preview this audio by pressing the "Preview" button (highlighted red on right Figure 3.2).

You can also change the type of voice synthesizer used (highlighted yellow Figure 3.2).

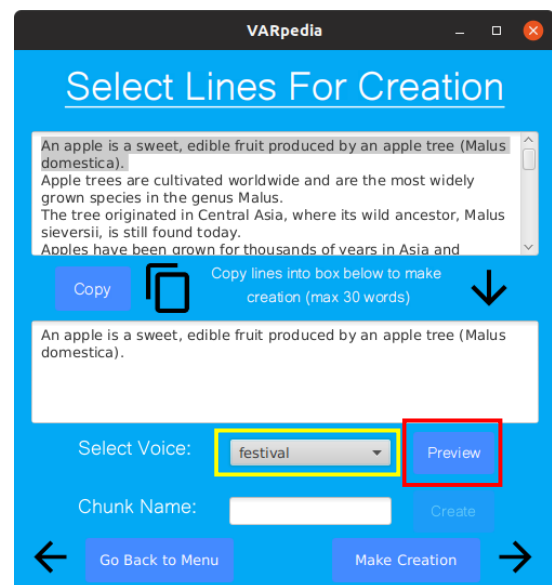


Figure 3.2

Now all that's left to do is give your chunk a name in the "Chunk Name" text field (highlighted yellow left Figure 3.3). Then press "Create" button (highlighted red Figure 3.3). You may create any number of chunks for your creation, as long as they all have unique names.

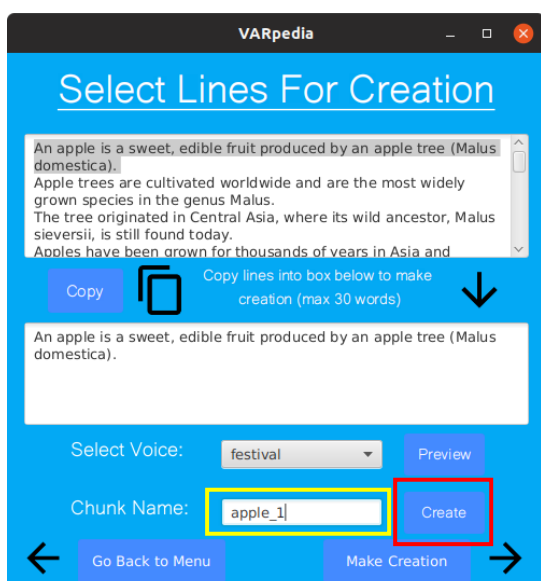
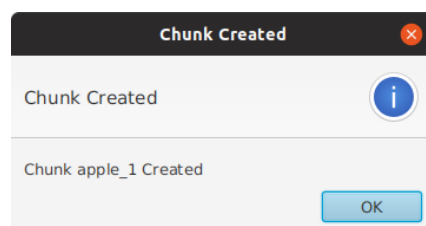


Figure 3.3



Pop-up when successfully created chunk

## MAKING A CREATION (TEXT SELECTION) 2

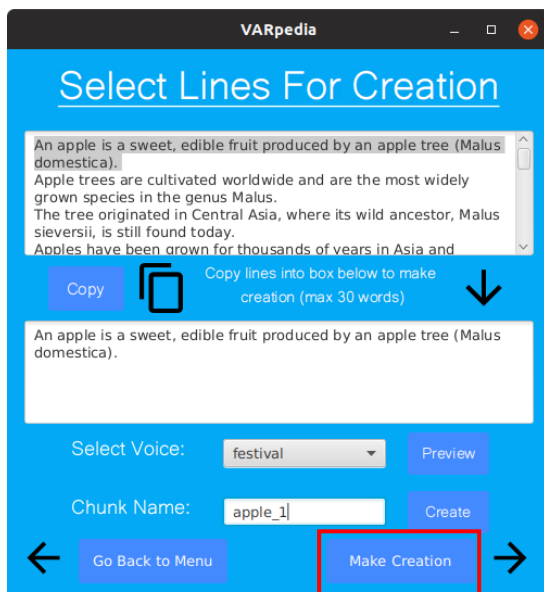


Figure 3.4

When you think that you've created all necessary chunks for your creation, press the "Make Creation" button (highlighted left in Figure 3.4)

You will not be able to continue to the next stage of creation if you have not made **at least one audio chunk**.

If at any time you wish to return to the Main Menu screen. Simply press the "Go Back to Menu" button (highlighted right in Figure 3.5).

**This button will be present on every screen in the same location.**

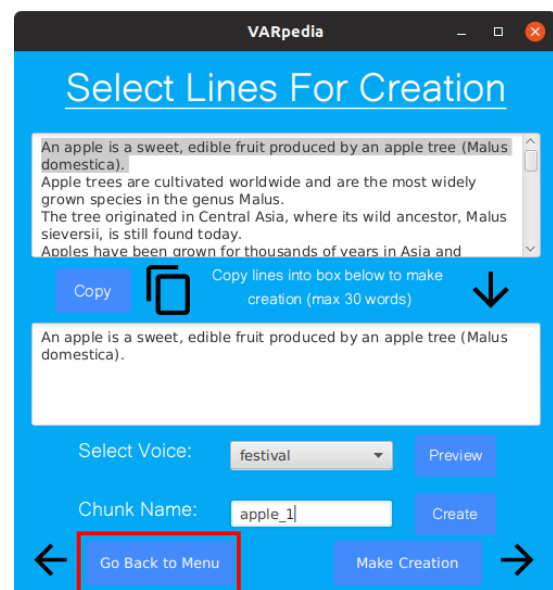


Figure 3.5

## MAKING A CREATION (CHOOSING AUDIO)



Figure 4.1

You also have the choice of background music available to you. This is chosen from a drop-down menu (highlighted yellow on right in Figure 4.2).

This music can be previewed using the “Preview” button (highlighted red Figure 4.2).



Figure 4.2

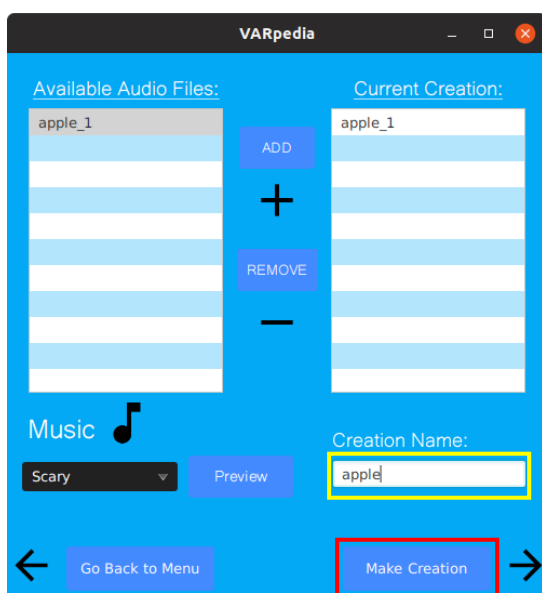


Figure 4.3

Now we have arrived at the Audio Selection screen. On the left will be displayed all of the audio chunks that you made in the previous screen.

You can select these and “ADD” or “REMOVE” them from your final creation (highlighted red and yellow respectively left in Figure 4.1).

Once you’re satisfied with the selection of chunks/music for your creation, enter a name for this creation in the box provided (highlighted yellow in Figure 4.3)

Then to continue the process press the “Make Creation” button (red in Figure 4.3).

**Note: You must have at least one audio chunk in Current Creation and you must enter a name for your creation.**

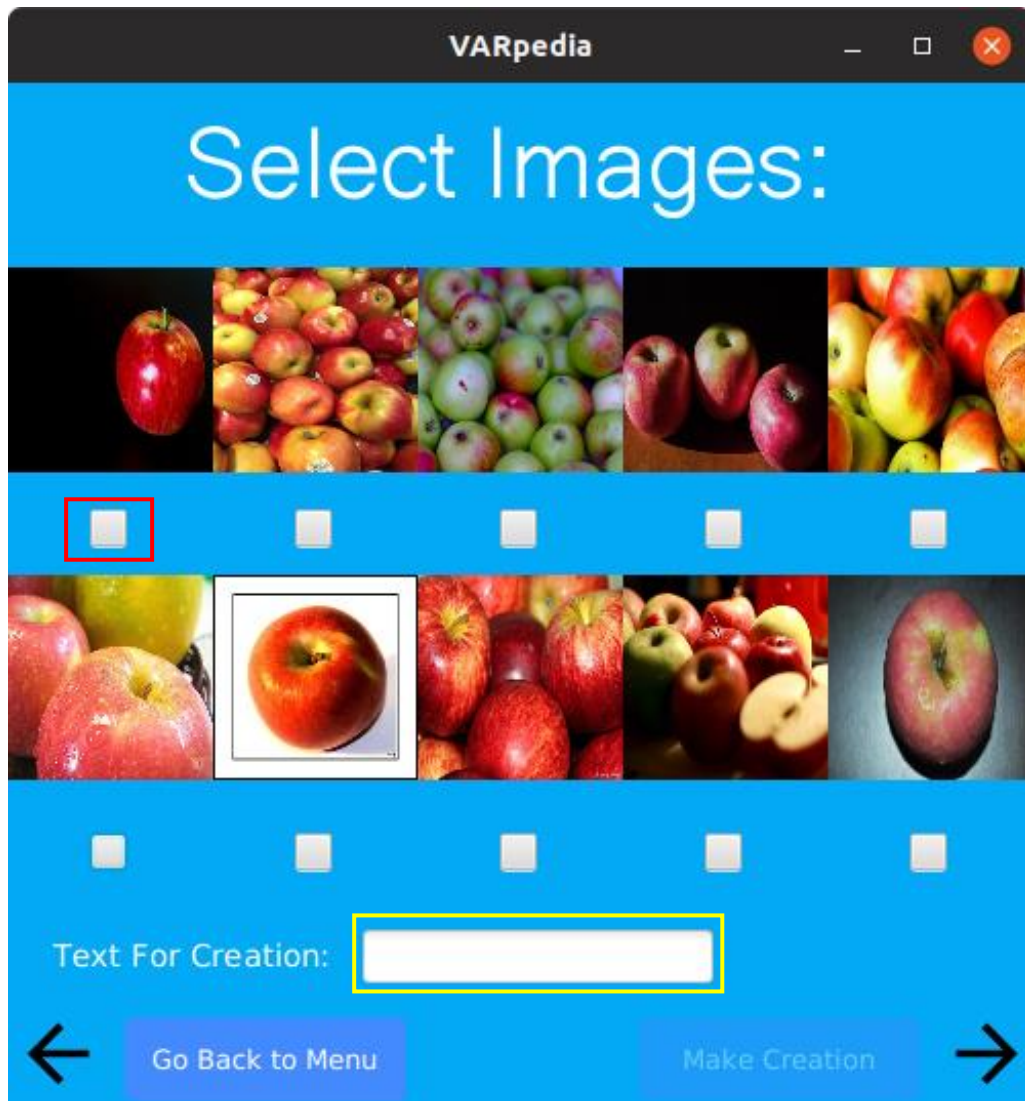


Figure 5

Now we are at the Image Selection screen. From here you can select any number of the images provided as a slide-show for your creation video.

To select an image, simply press the check-box corresponding to the image you want (one of them is highlighted in red in Figure 5)

Once all the images you want have been selected, enter some text for your creation (highlighted yellow in Figure 5). This will be the text that shows in the middle of the final video. **You cannot continue until this box has been filled.**

As before, to continue please press the “Make Creation” button in the bottom left of the screen. Your final video will now be made and played to you.



## PLAYING A CREATION



Figure 6.1

After you have made a creation, it will be available in the Main Menu to select from the “List of Creations”.

To play it, simply select on the left and then press the “Play” button (highlighted in Figure 6.1).

Playing a creation will bring you to the MediaPlayer.

Here you can resume/pause using the “Play/Pause” button (highlighted red in Figure 6.2).

You can also go back or forward by 3 seconds using the “<--” and “-->” buttons respectively (these are highlighted yellow in Figure 6.2).

You may mute the sound of the video by pressing the “Mute” button (highlighted orange in Figure 6.2).

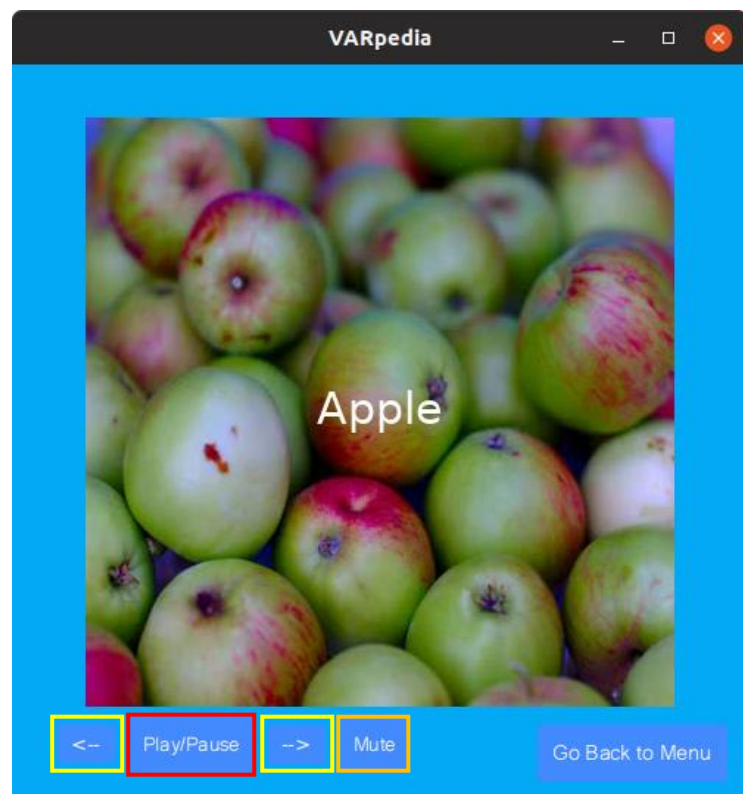


Figure 6.2

Finally, you can return to the Main Menu any time by pressing the usual “Go Back to Menu” button, located in the bottom right of the screen.

## DELETING A CREATION



Figure 7.1

To delete a creation, simply chose the desired creation from the “List of Creations” located on the left of the screen.

Then press the “Delete” button (highlighted in Figure 7.1).

You will then be presented with a pop-up screen confirming if you want to delete (Figure 7.2)

If you wish to cancel, simply press the “Cancel” button. However, if you are sure, then press “OK”.

If you press “OK”, you should see the item disappear from the “List of Creations”.

If you press “Cancel”, nothing will happen, and the pop-up window will disappear. You will remain on the Main Menu screen.

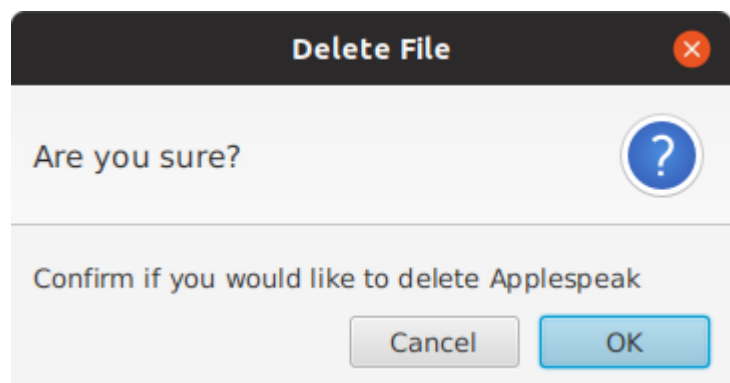


Figure 7.2

## QUIZ



To access the quiz feature of VARpedia, press the “Quiz” button on the Main Menu screen (highlighted in Figure 8.1).

Figure 8.1

Playing the quiz will bring you to the Quiz screen. Here, a random creation of yours – as well as some pre-built ones – will be chosen and played on screen. However, the main title/term will be missing from the video.

**All MediaPlayer options are the same as in pg 9.**

You will have to guess the term correctly in the provided box (highlighted yellow in Figure 8.2). To submit your guess, press the “Submit” button (highlighted red in Figure 8.2). You will then be told if you got the answer correct or incorrect.



Figure 8.2

If you cannot get the answer correct, press the “Give Up” button located in the bottom left of the screen and you will be told the answer. You can also go to the next quiz by pressing “Next” button located bottom right of the screen.

## QUITTING THE APPLICATION



Figure 9.1

To quit VARpedia, simply press the “Quit” button on the Main Menu screen.

You will then be presented with a pop-up screen confirming if you would like to quit (Figure 9.2).

If you wish to cancel, simply press the “Cancel” button. However, if you are sure, then press “OK”.

If you press “Cancel”, the pop-up will disappear, and you will remain on the Main Menu screen.

If you press “OK”, the application VARpedia will close, and you will have to re-launch it if you wish to continue using the application (see page 2).

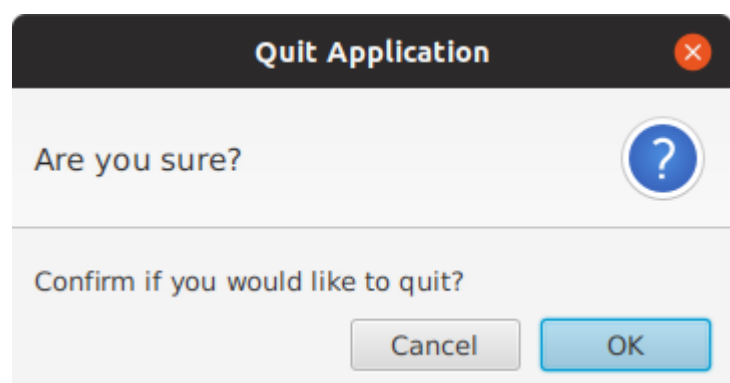


Figure 9.2

## POTENTIAL ERRORS 1



Figure 10.1

This error occurs when you have tried to create/preview an audio chunk with more than 30 words on the Text Selection screen.

Reduce the number of words and try again.

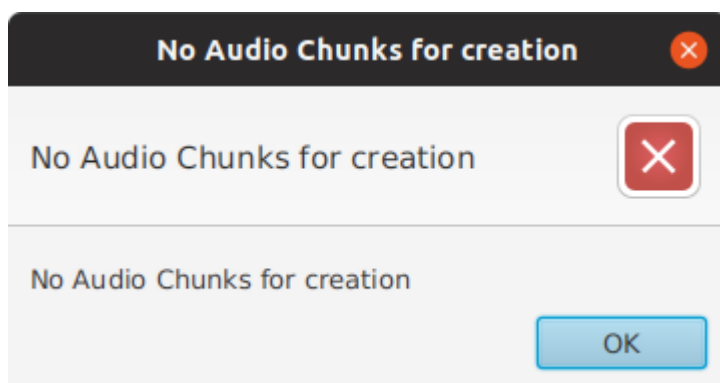


Figure 10.2

This error occurs when trying to progress from the Text Selection screen to the Choosing Audio screen, but you have not created any chunks yet.

Make sure to create at least one chunk before progressing.

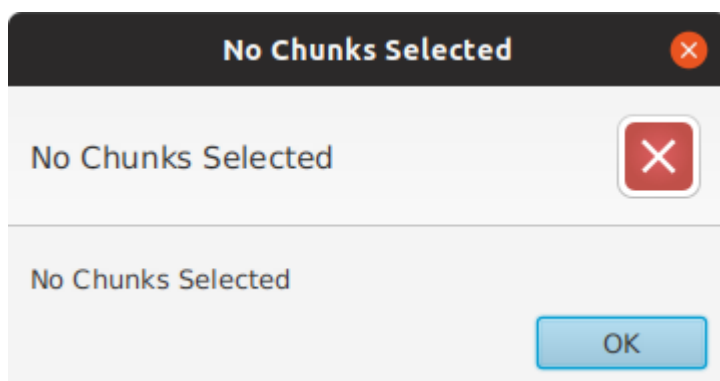


Figure 10.3

This error occurs on the Choosing Audio screen, when you attempt to make a creation without choosing any audio chunks.

Make sure at least one audio chunk is added to the Current Creation.

## POTENTIAL ERRORS 2

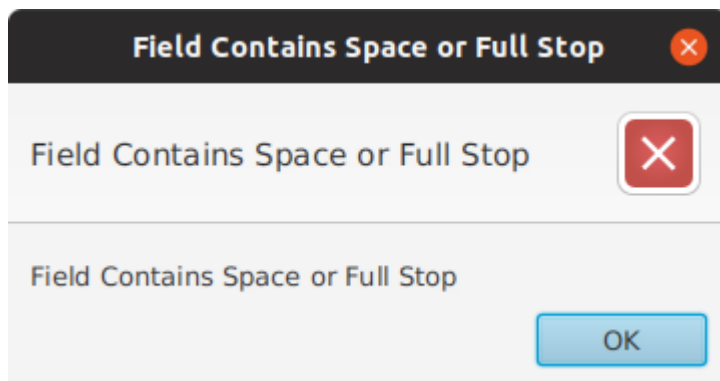


Figure 10.4

This error occurs whenever entering a name for a file/creation and your name contains whitespace or a full stop '.'

These characters are not allowed in the naming of creations, try remove them or replace them.

## ATTRIBUTES

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