

Voxspell User Manual

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Initialisation



Figure 1 Screen Capture of the Script File

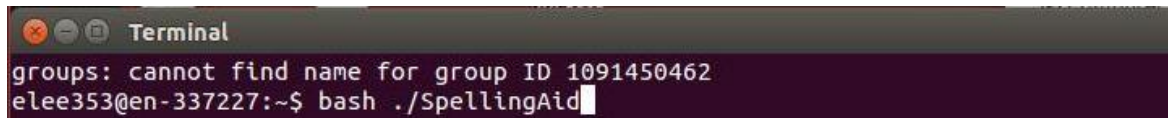


Figure 2 Screen Capture of Terminal Commands

Right click the 'SpellingAid' script file and select 'Run' to start.
Or use the Terminal and navigate to the current directory. Type 'bash ./SpellingAid' to execute the program.

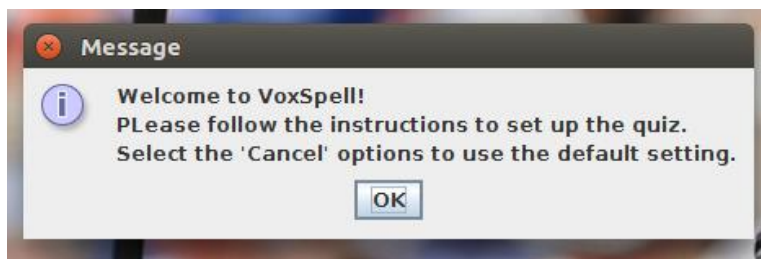


Figure 3 Welcome to Voxspell Message

The welcome message will be shown, press 'OK' to continue.

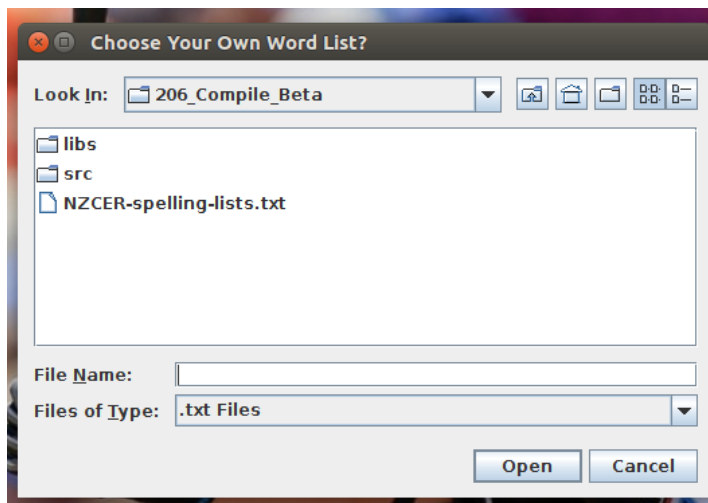


Figure 4 Own Word List Selection

The user can load his or her own word list. The word list must be in the '.txt' format.
Select the 'Cancel' option to use the default word list.

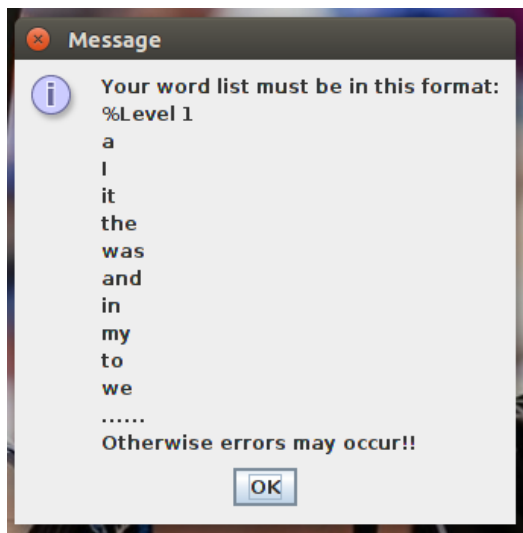


Figure 5 Word List Format Message

The custom word list must follow the format as shown above. Select 'OK' to continue.

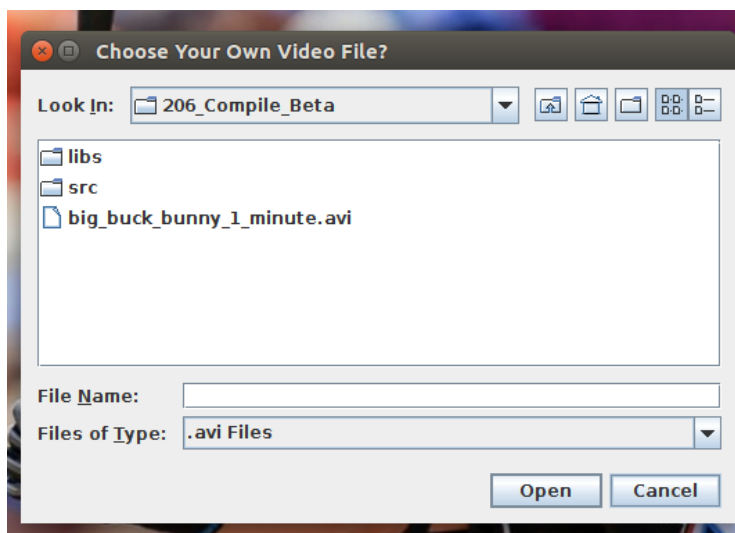


Figure 6 Own Video File Selection

Similarly, the user can load his or her own video file. The video file must be in the '.avi' format. Select the 'Cancel' option to use the default video.

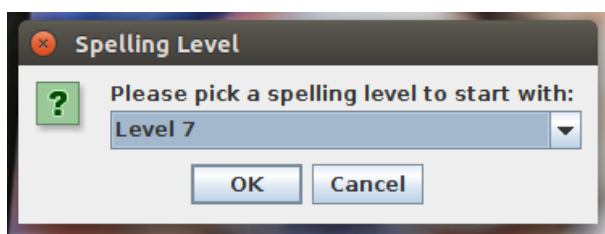


Figure 7 Starting Level Selection

The user must select a level to start with. It may take a few seconds to load everything before the start screen shows up.

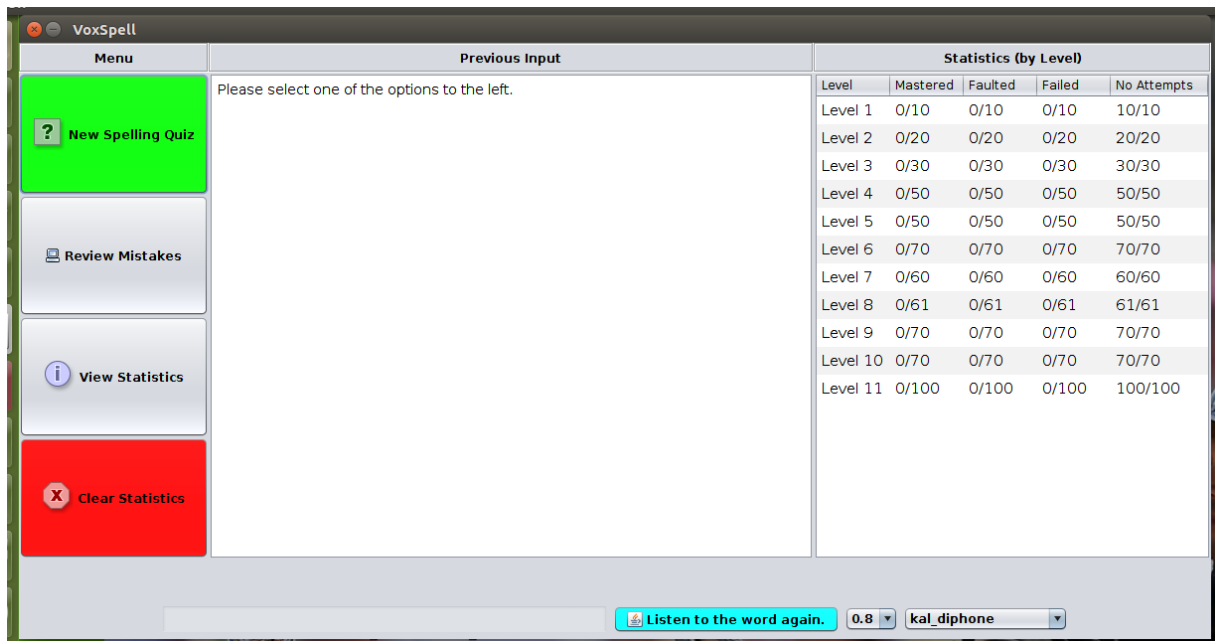


Figure 8 Main Menu

Finally, we can go to the main menu. Select one of the four options on the left to continue.

Note:

Please note when loading any files into the program, it is recommended that you make a copy in the current directory and select that specific copy. This can reduce the possibility of errors due to some technical issues in file path detection.

New Quiz Function

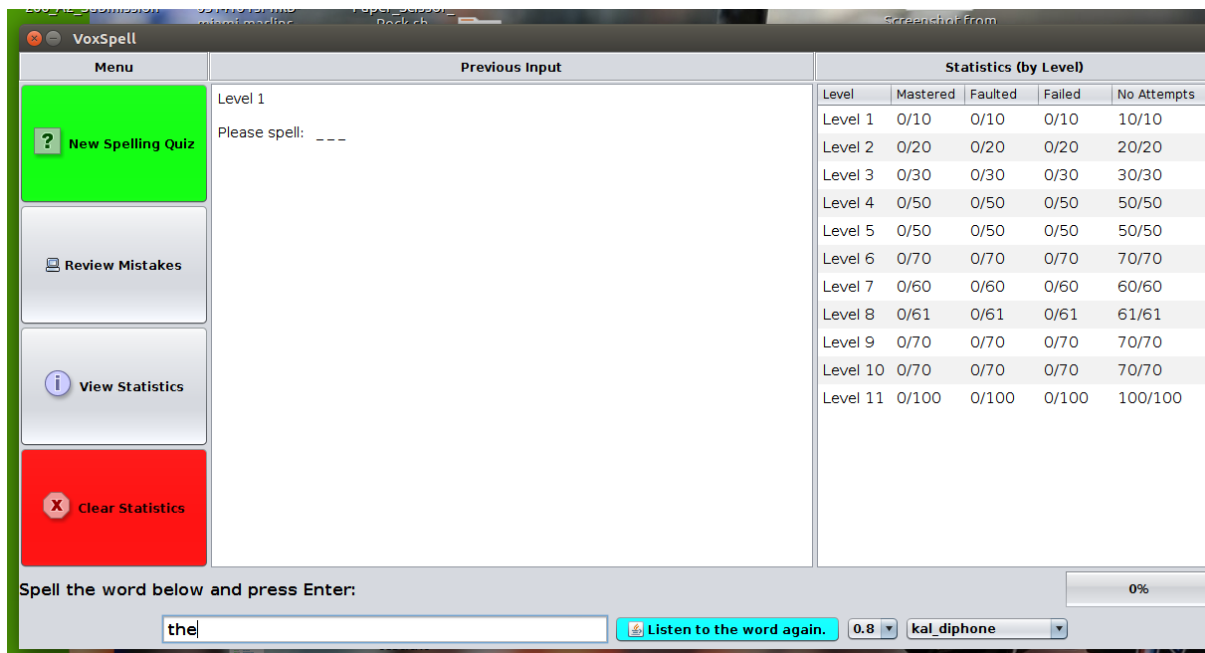


Figure 9 Screen Capture of a New Quiz

A new quiz will be started after the 'New Spelling Quiz' button is pressed.

Basic operations:

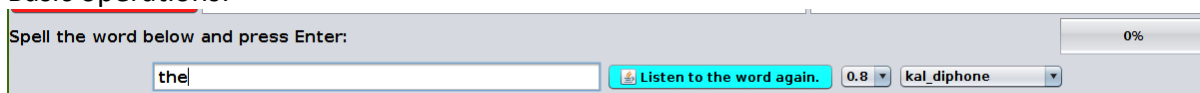
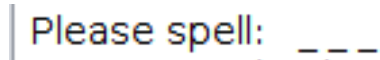


Figure 10 Basic Operation Screen Capture

1. The user should enter the answer in the text box and press 'Enter' to submit.
2. The 'Listen to the word again' button allows the user to listen to the current word again.
3. The number on the right is the speaking speed of the voice system. It can be adjusted between 0.8 and 2.2, incrementing by 0.1. The larger the number, the slower the voice system will speak.
4. The drop down box on the right contains the voices or accents available. There can be up to six voice options available.
5. The progress bar on the most right hand side shows the progress of the current quiz. There will be ten words chosen for each quiz.
6. Lastly, the live statistics will be updated in the table on the right.



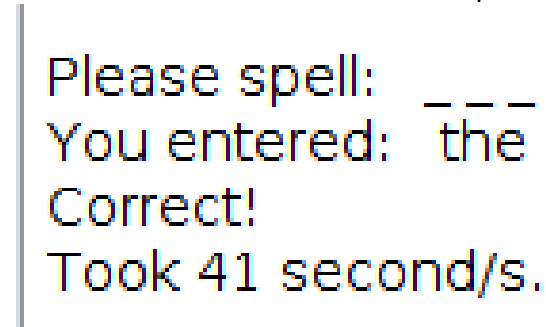
Please spell: _ _ _

Figure 11 Example Indicating the Length of Word

The underscores as shown above indicate the length of the current word.

There are three possible outputs for each word entered in a quiz, they are listed below:

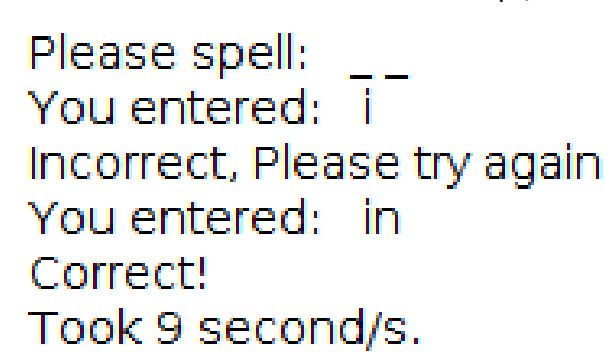
1. Correct: Correct in the first attempt.



Please spell: _ _ _
You entered: the
Correct!
Took 41 second/s.

Figure 12 Screen Capture of a Correct Attempt

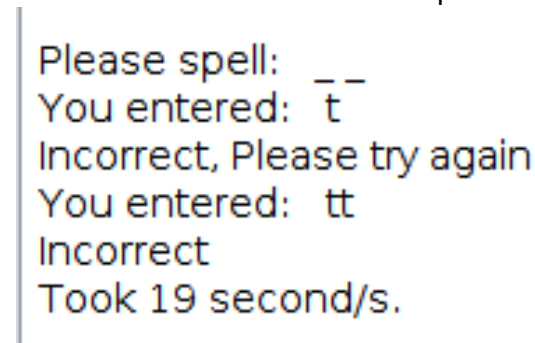
2. Faulted: Incorrect in the first attempt, but correct in the second one.



Please spell: _ _
You entered: i
Incorrect, Please try again
You entered: in
Correct!
Took 9 second/s.

Figure 13 Screen Capture of a Faulted Attempt

3. Failed: Incorrect in both attempts.



Please spell: _ _
You entered: t
Incorrect, Please try again
You entered: tt
Incorrect
Took 19 second/s.

Figure 14 Screen Capture of an Incorrect Attempt

Note:

Please note that once a quiz is started, it must be completed before the user can use other functionalities.

Reward for Distinction

A reward option is provided when the user gets nine out of the ten words correct in a quiz.

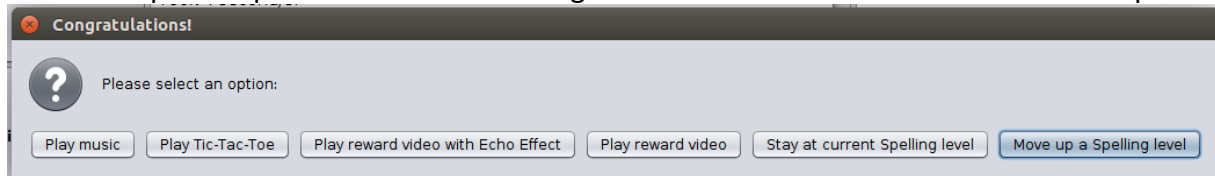


Figure 15 Screen Capture of Reward Options

1. Play Music

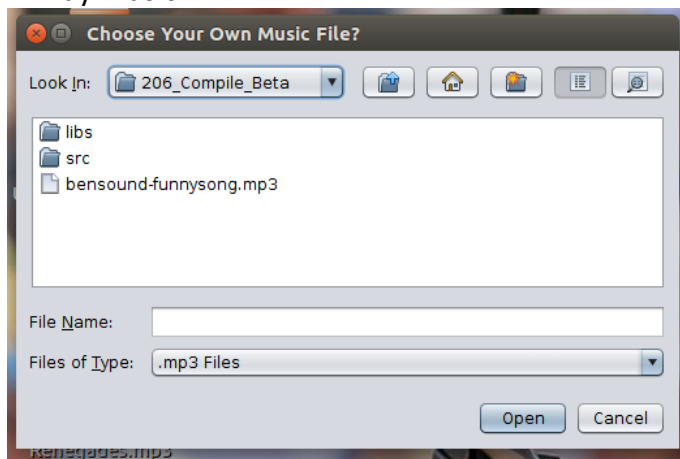


Figure 16 Own Music File Selection

Similarly, the user can load his or her own music file. The music file must be in the '.mp3' format. Select the 'Cancel' option to use the default music.

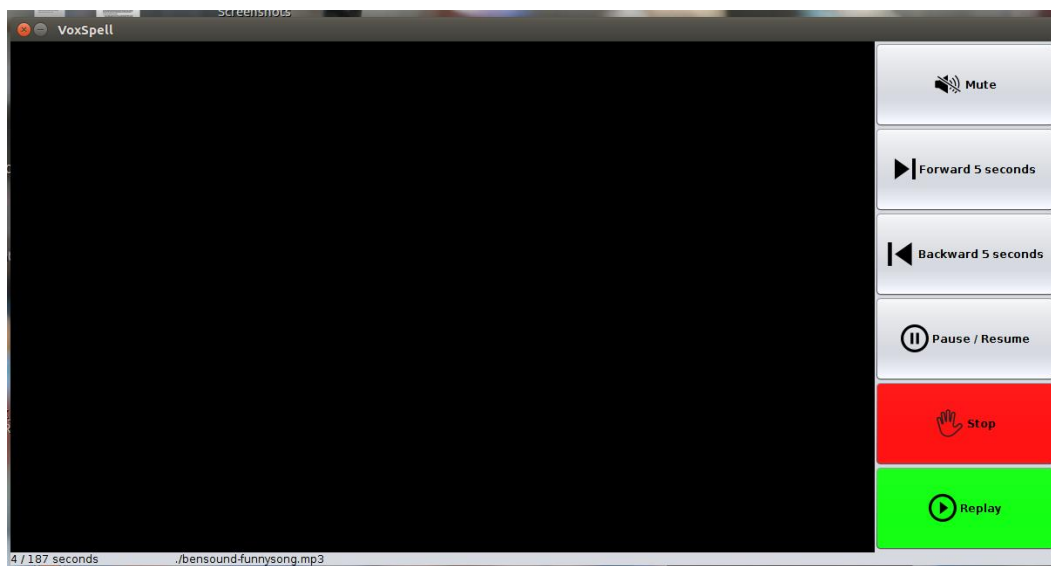


Figure 17 Screen Capture of Music Player

The music player is shown above. The fundamental functionalities provided are mute, forward, backward, pause/resume, stop, and replay.

2. Play Tic-Tac-Toe



Figure 18 Screen Capture of Tic-Tac-Toe

The Tic-Tac-Toe game is a one person game.

Press 'New Game' to start a new game. Press 'Reset Scores' to reset all the scores.

3. Play reward video with echo



Figure 19 Screen Capture of a Video with Black and White Filter

This option plays the video with the echo effect and black and white filter. The media player's functionalities are the same as the music player.

4. Play reward video

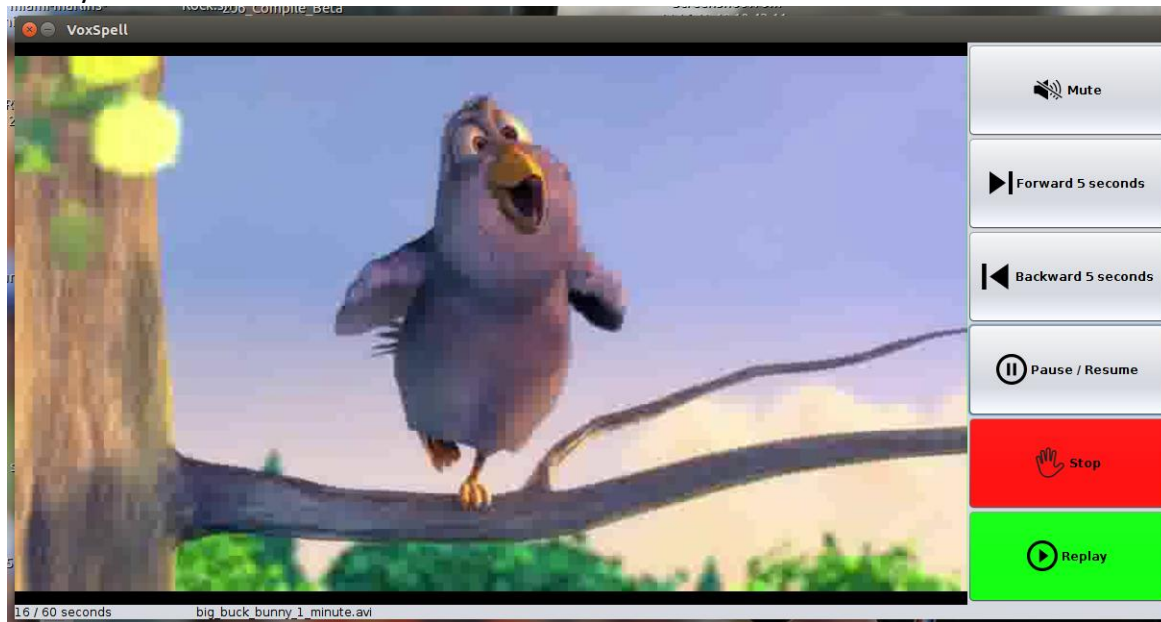


Figure 20 Screen Capture of the Video Player

Similarly, this option plays the original video.

The media player's functionalities are the same as the music player.

5. Stay at current level

This will make the program stay at the current spelling level.

6. Move up a spelling level

This will make the program increment the spelling level by one.

If there is no more levels to increment, the program will stay at the highest level.

Review Quiz Function

A review quiz will be started after the 'Review Mistakes' button is pressed.

The review quiz function is similar to the new quiz. Except that the words used will be from the failed words in the current spelling level. In addition, the words used may be less than ten depending on the amount of words failed.

A message as shown below may be given when there does not exist enough failed words to create a review quiz. In this case, there will not be any review quizzes available.

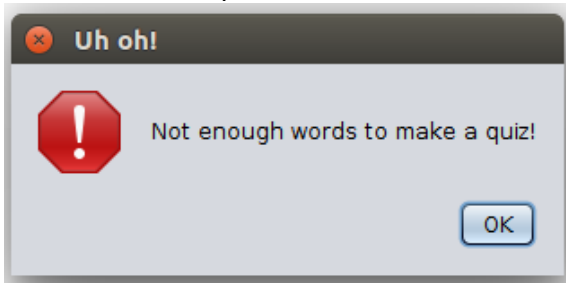


Figure 21 Not Enough Words Message

Note:

Please note that once a quiz is started, it must be completed before the user can use other functionalities.

View Statistics

The user can view the detailed statistics after pressing the 'View Statistics' button. The numbers of times mastered, faulted, and failed for each word will be displayed individually. This may be empty if no words has been attempted yet.

Menu		Previous Input		Statistics (by Level)				
View Statistics for Level 1				Level	Mastered	Faulted	Failed	No Attempts
Mastered		Faulted	Failed	Word				
2		0	0	a	Level 1	0/10	0/10	10/10
1		0	0	and	Level 2	0/20	0/20	20/20
1		0	0	i	Level 3	0/30	0/30	30/30
1		1	0	in	Level 4	0/50	0/50	50/50
1		0	0	is	Level 5	0/50	0/50	50/50
1		0	0	it	Level 6	0/70	0/70	70/70
2		0	0	my	Level 7	0/60	0/60	60/60
2		0	0	the	Level 8	0/61	0/61	61/61
1		0	1	to	Level 9	0/70	0/70	70/70
1		0	0	was	Level 10	0/70	0/70	70/70
2		0	1	we	Level 11	0/100	0/100	100/100

Figure 22 Screen Capture of View Statistics

Delete Statistics

The user can delete the statistics after pressing the 'Clear Statistics' button. A confirmation message as illustrated below will show up to double check the action.

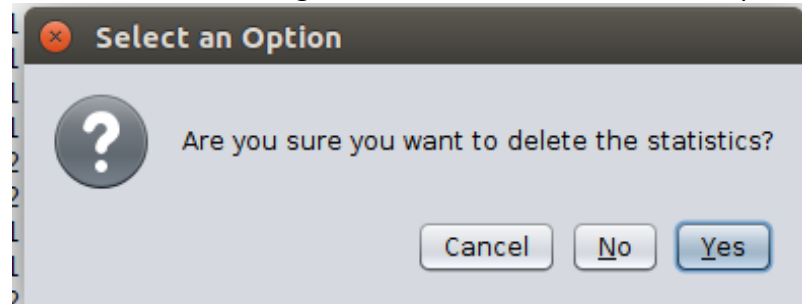


Figure 23 Confirmation Message for Deleting Statistics

Confirm "Yes" to delete the statistics. The 'All Statistics Cleared!' message will be displayed in the middle.

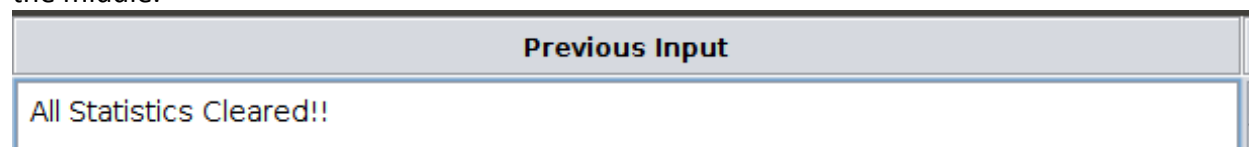


Figure 24 Screen Capture of All Statistics Cleared