

User Guide for Word Cloud for Twitter

immediate

July 27, 2014

1 Introduction

Word Cloud For Twitters

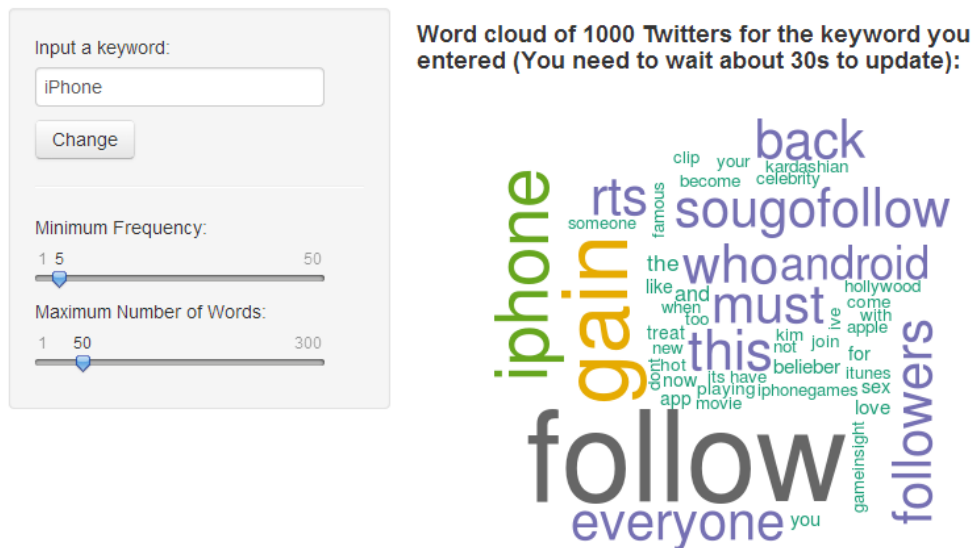


Figure 1: *The UI page for Word Cloud for Twitter.*

Word Cloud for Twitter can present the most used words in 1000 Twitters in for a given keyword. This app is written using shiny, can be found at <http://wt2pku.shinyapps.io/project/>. Figure .1 shows the UI page for Word Cloud for Twitter. You can enter the **keyword** for Twitter at the sidebar Panel. In addition, you can also change the **Minimum Frequency** of the word and **Maximum Number of Words** to show using the sidebar. Once you hit the **Change** Button, this app will run automatically and show the word cloud for you after 30s.

2 User Guide

2.1 Change a Keyword

If you want to change a keyword for the Twitters, you need to input a new keyword in the sidebar panel, and hit the button **Change**. As shown in Figure.2, you entered the keyword *music*, and hit the **Change** button,

the app will show Processing corpus... on the left up side indicating that the app is processing for the new keyword.

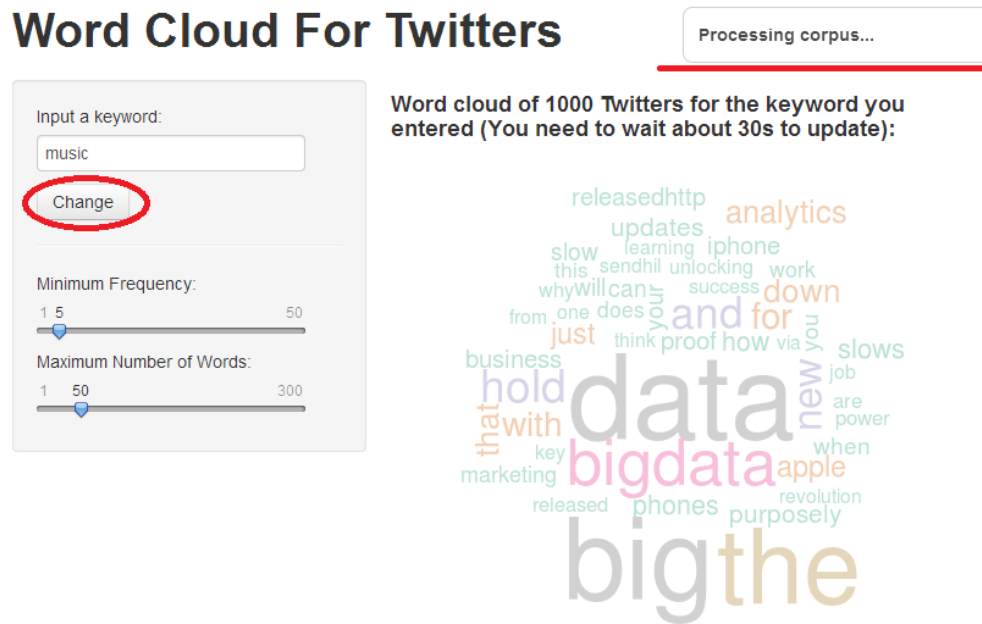


Figure 2: *Processing for a new keyword.*

After processing, the app will show the result as shown in Figure .3

2.2 Manipulate the Word Cloud

You can also change the **Minimum Frequency** of the word and **Maximum Number of Words** to show using the sidebar. As shown in Figure .4, you can change the minimum frequency of the word using the sidebar, the result will change immediately.

As shown in Figure .5, you can change maximum number of words using the sidebar, the result will change immediately.

2.3 Exceptions


If you enter a word that has little Tweets or no Tweets, there will be an Error as shown in Figure .??.

Word Cloud For Twitters

Input a keyword:


Minimum Frequency:

1 5 50



Maximum Number of Words:

1 50 300



Word cloud of 1000 Twitters for the keyword you entered (You need to wait about 30s to update):



Figure 3: *Result for keyword music.*

Word Cloud For Twitters

Input a keyword:

iPhone

Change

Minimum Frequency:

1 10 50

Maximum Number of Words:

1 89 300

Word cloud of 1000 Twitters for the keyword you entered (You need to wait about 30s to update):



Figure 4: *Change minimum frequency of words for the word cloud.*

Word Cloud For Twitters

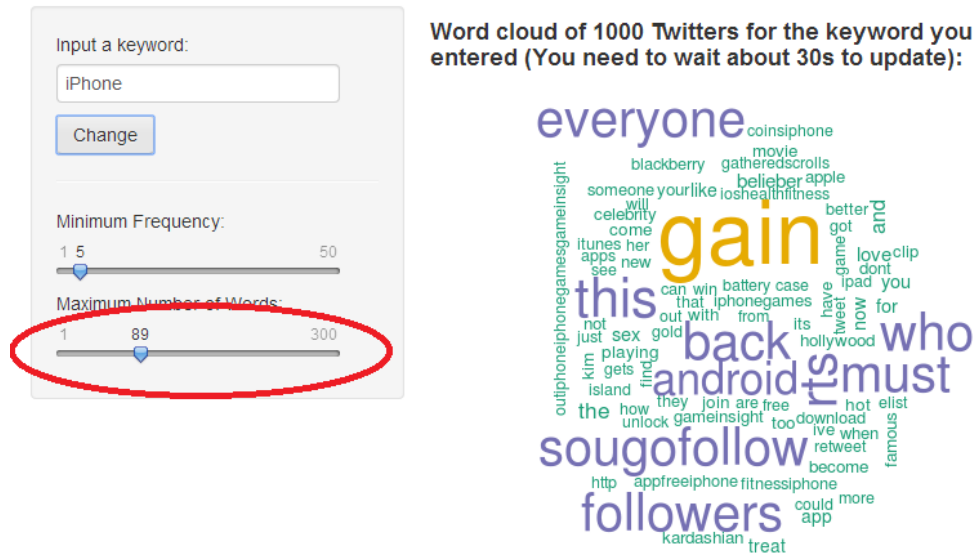


Figure 5: Change maximum number of words for the word cloud.

Word Cloud For Twitters

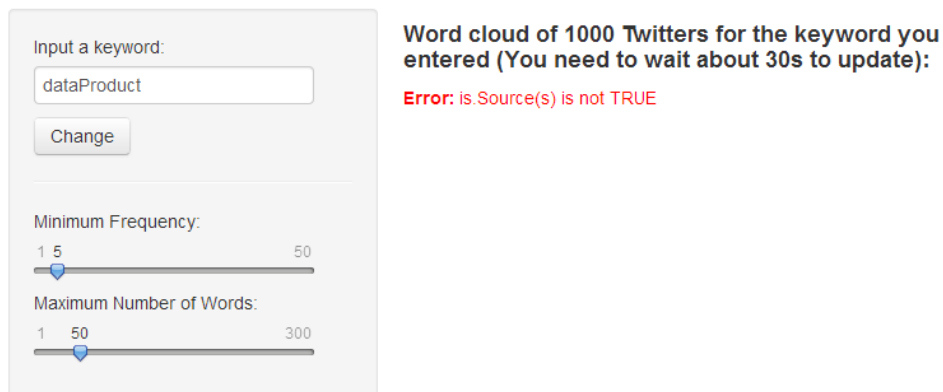


Figure 6: Error for keywords has litte Tweets.