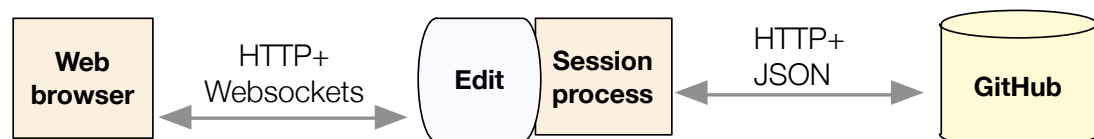


The screenshot shows the RCloud editor interface. The top navigation bar includes the RCloud logo, 'Research Lake', and a user profile 'Gordon'. The address bar shows the URL: <https://rcloud.research.att.com/edit.html?notebook=134185eb263c439c2aed#>. The left sidebar lists various notebooks, including 'Topic Model Viz Tool'. The main editor area displays an R script for 'topicsummary.html' with the following code:

```

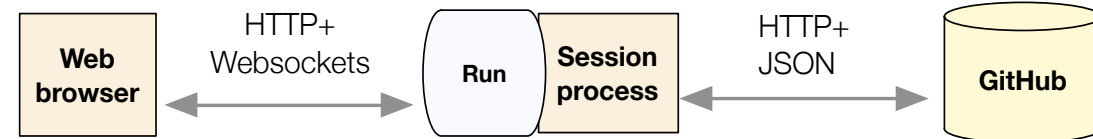
1 library(rcloud.web)
2 library(stringr)
3 library(ldataools, lib.loc="/shared/rcloud/data/home/kshirley/library/")
4 library(tm)
5
6 # load utility functions
7 fn.utils.source <- rcloud.get.asset("utils.R",notebook="fbc7ee130cb480c0702d")
8
9 # set some global variables
10 master.project <- ""
11 master.config <- ""
12
13 # Set page title
14 rcw.set("title", "Topic Model Viz Tool")
15
16 # Set CSS headers not found in mini.html
17 rcloud.install.css("~/notebook.R/jmyneri/TopicModelTool/includeFiles/bootstrap.css")
18 rcloud.install.css("~/notebook.R/jmyneri/TopicModelTool/includeFiles/navbar-fixed-top.css")
19
20 # Read the projects that the user already created and populate the Data set
21 Name box
22 models.list <- readLines("~/TopicModel/conf/mymodels.txt", n = -1, ok = TRUE, warn = FALSE)
23

```



Topic visualization application, inside RCloud editor

The screenshot shows the deployed application interface. The top navigation bar includes the 'Topic Model Viz Tool' title and a user profile 'Gordon'. The address bar shows the URL: <https://rcloud.research.att.com/mini.html?notebook=baecc20d8c0e8fa0656c>. The interface includes controls for 'Selected Topic: 3', 'Submit', 'Previous Topic', 'Next Topic', and 'Lambda: 1'. The main visualization area displays a bubble chart with bubbles numbered 1 through 15. To the right of the bubble chart is a horizontal bar chart showing the distribution of topics for various words. The words listed are: life, love, family, father, man, woman, mother, old, beautiful, home, year, and wife. The bars are colored red and grey, indicating different topic distributions.



Topic visualization application, deployed