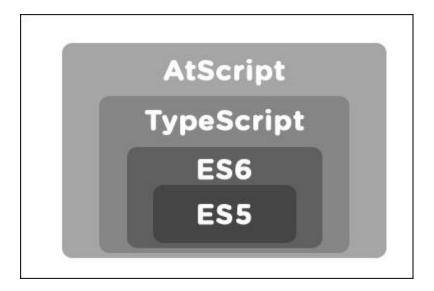
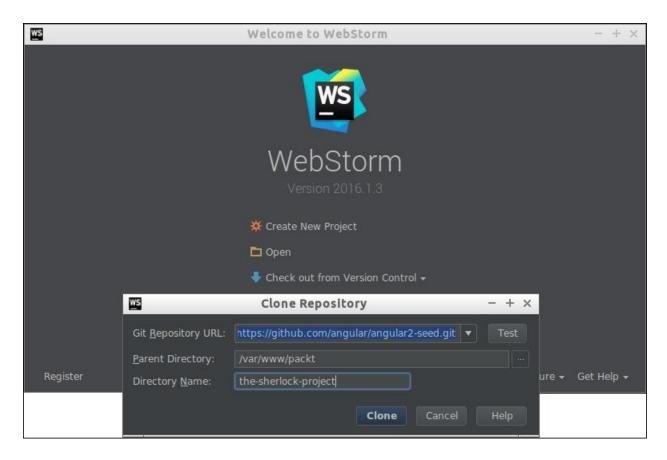
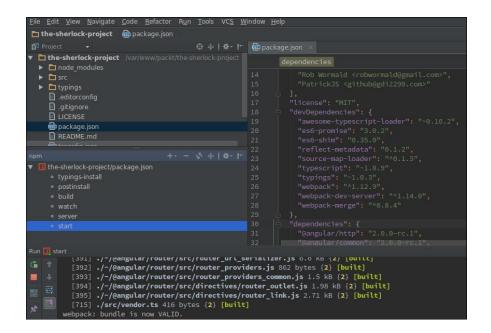
Chapter 1: Setting Up the Environment









```
Compile TypeScript to JavaScript?

OK No Configure

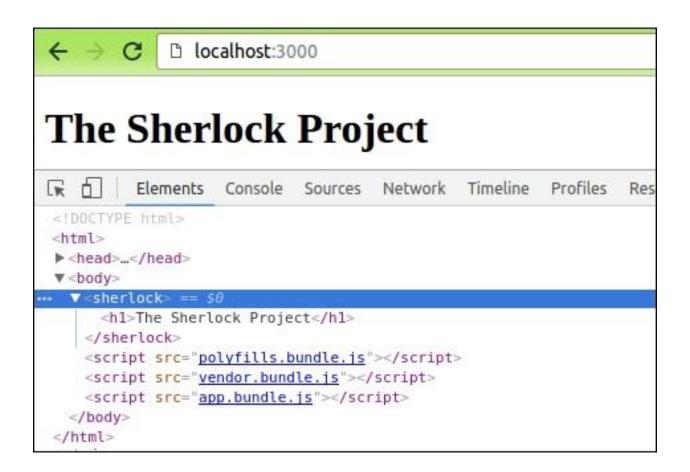
import {LocationStrategy, HashLocationStrategy} from '@angular/common';

import {bootstrap} from '@angular/platform-browser-dynamic';

import {provide, enableProdMode} from '@angular/core';

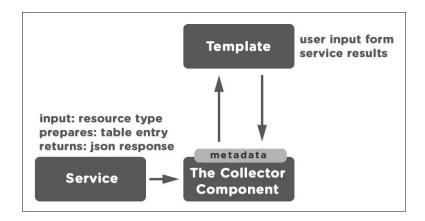
import {HTTP_PROVIDERS} from '@angular/http';

import {ROUTER_PROVIDERS} from '@angular/router';
```

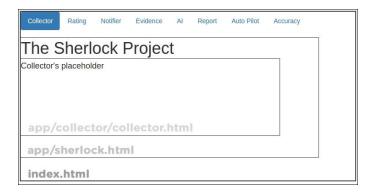


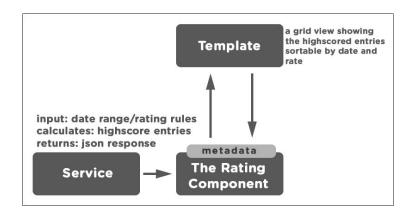


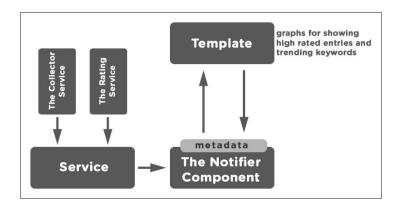


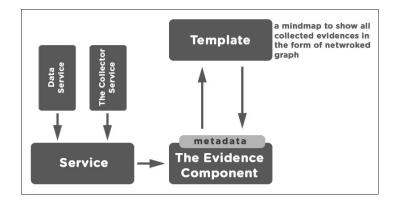


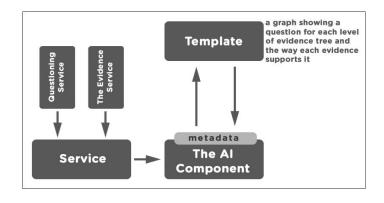


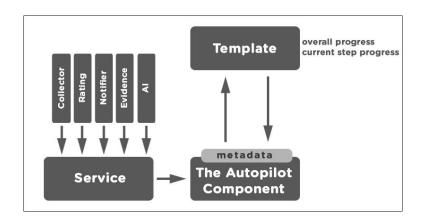


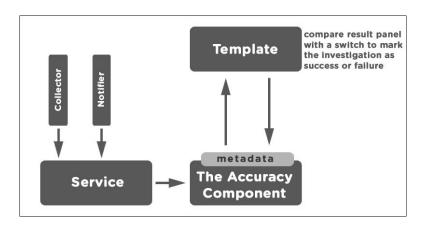




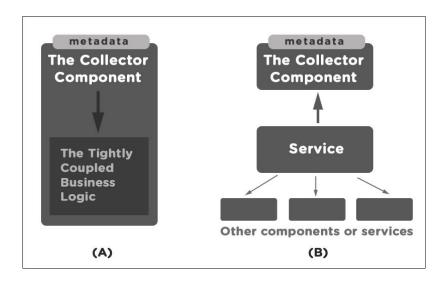






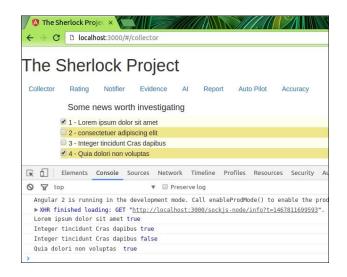


Chapter 3: The Collector Service - Using Controllers to Collect Data



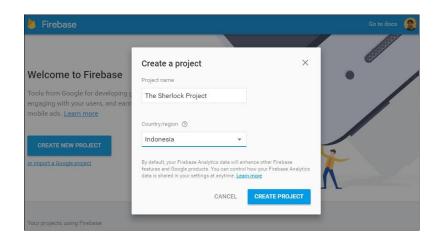




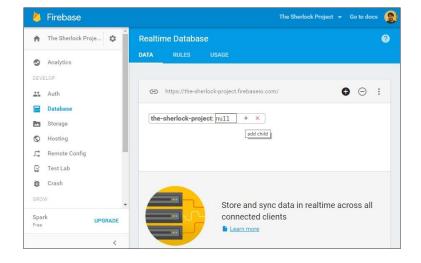


```
county 49,
created: $016-07-06T01:39:09Z",
 lang: "en-US"
 diagnostics: {
      publiclyCallable: "true
    - url: {
          execution-start-time: "1",
execution-stop-time: "313",
execution-time: "312",
                                              parsing JSON file
                                        om/rss/edition.rss?format=xml"
          content: "http://rss
      user-time: "319'
      service-time: 312"
      build-version:
- results:
    sults: {/
- item: [
               title: "Clinton 'extremely careless' but no charges recommended ",
               link: "http://www.cnn.com/2016/07/05/politics/fbi-director-doesnt-reco
```



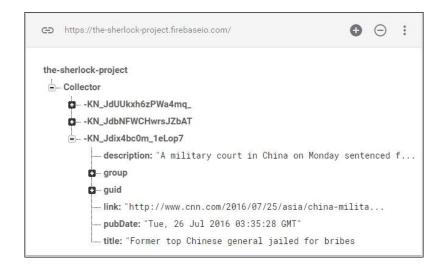




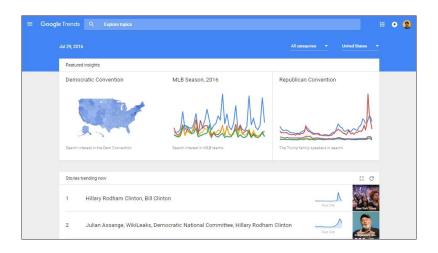


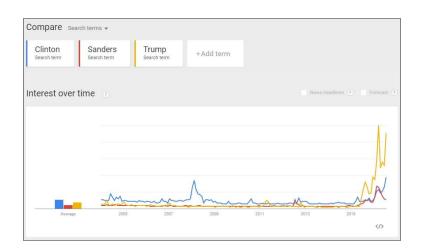




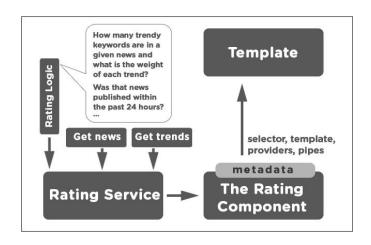


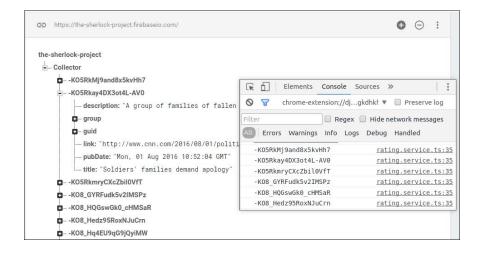
Chapter 4: The Rating Service - Data Management

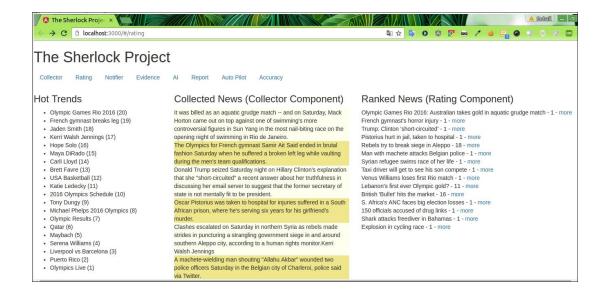












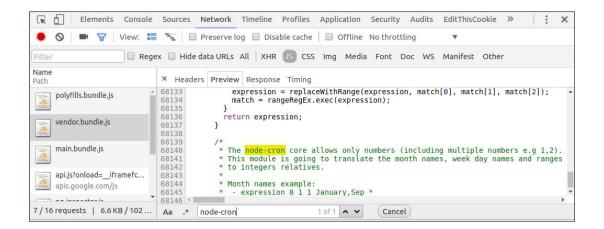
Ranked News (Rating Component)

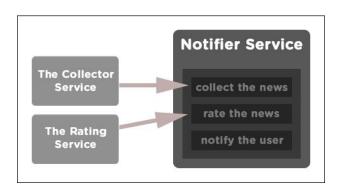
Olympic Games Rio 2016: Australian takes gold in aquatic grudge match - 1 - more
French gymnast's horror injury - 1 - more
Trump: Clinton 'short-circuited' - 1 - more
Pistorius hurt in jail, taken to hospital - 1 - more
Rebels try to break siege in Aleppo - 18 - more
Man with machete attacks Belgian police - 1 - more
Syrian refugee swims race of her life - 1 - more
Taxi driver will get to see his son compete - 1 - more
Venus Williams loses first Rio match - 1 - more
Lebanon's first ever Olympic gold? - 11 - more
British 'Bullet' hits the market - 16 - more
S. Africa's ANC faces big election losses - 1 - more
Shark attacks freediver in Bahamas - 1 - more
Explosion in cycling race - 1 - more

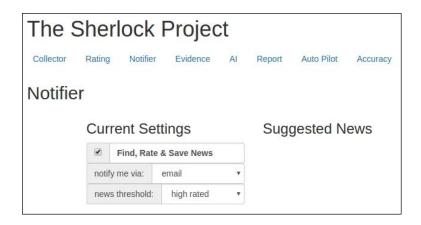
Ranked News (Rating Component)

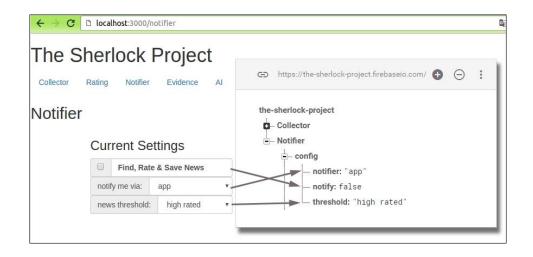
Rebels try to break siege in Aleppo - 18 - more British 'Bullet' hits the market - 18 - more Lebanon's first ever Olympic gold? - 14 - more Venus Williams loses first Rio match - 1 - more Olympic Games Rio 2016: Australian takes gold in aquatic grudge match - 1 - more Man with machete attacks Belgian police - 1 - more Syrian refugee swims race of her life - 1 - more Taxi driver will get to see his son compete - 1 - more French gymnast's horror injury - 1 - more Trump: Clinton 'short-circuited' - 1 - more Pistorius hurt in jail, taken to hospital - 1 - more S. Africa's ANC faces big election losses - 1 - more 150 officials accused of drug links - 1 - more Shark attacks freediver in Bahamas - 1 - more Explosion in cycling race - 1 - more Meet the high-tech cops fighting terror - 0 - more Who holds the greatest Olympic record? - 0 - more

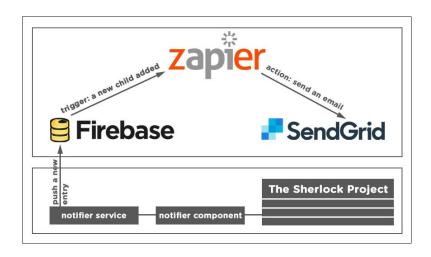
Chapter 5: The Notifier Service - Creating Cron Jobs in Angular



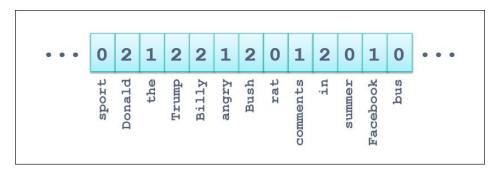




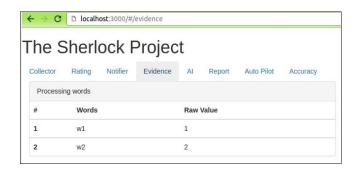




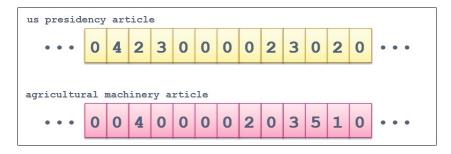
Chapter 6: The Evidence Tree Builder Service - Implementing the Business Logic

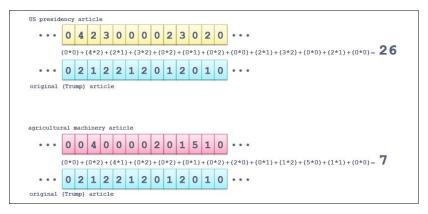


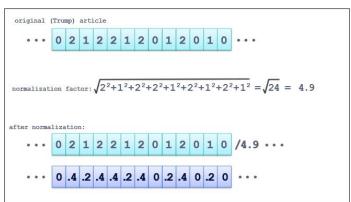
```
- results: {
- body: {
- class: "pg pg-vertical pg-politics pg-leaf pg-article international t-light",
- data-eq-pts: "xsmall: 0, medium: 460, large: 780, full16x9: 1100",
- div: [
- {
- class: "user-msg",
- div: {
- class: "user-msg--container",
- div: [
- {
- ***
```

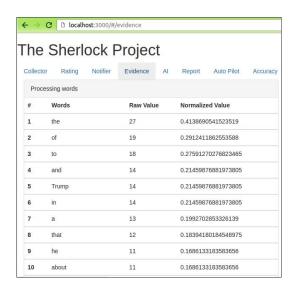


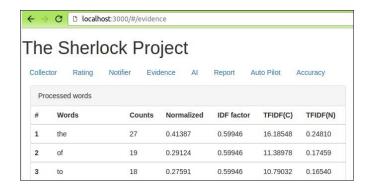
ne .	Sherlock I	rojec	t			
collector	Rating Notifier	Evidence	AI	Report	Auto Pilot	Accuracy
Process	sing words					
#	Words			Rav	v Value	
1	the			27		
2	of			19		
3	to			18		
4	and			14		
5	Trump			14		
6	in			14		
7	a			13		
8	that			12		
9	he			11		
10	about			11		

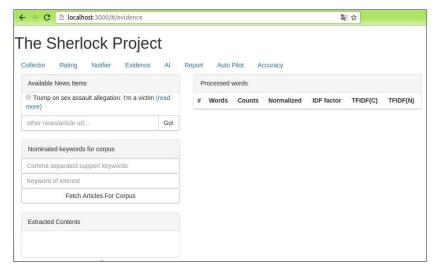


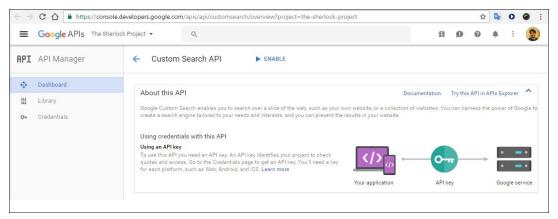


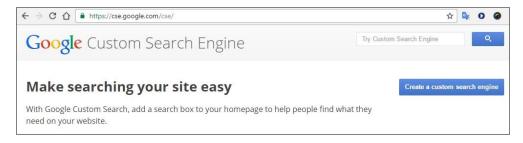


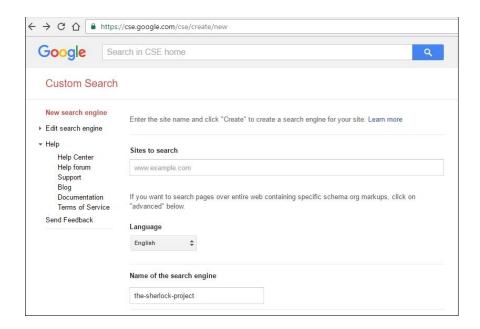


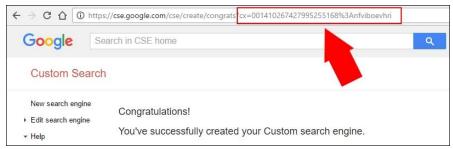




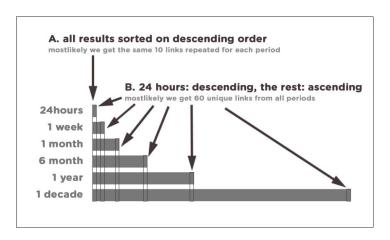




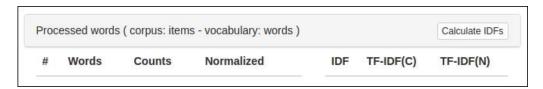


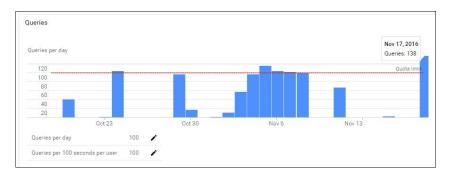






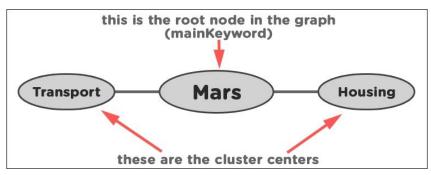
459 FIREBASE WARNING: Exception was thrown by firebase.js:276 user callback. RangeError: Maximum call stack size exceeded at va (http://localhost:3000/main.bundle.js:7999:41) at wa (http://localhost:3000/main.bundle.js:7999:90) at Yg (http://localhost:3000/main.bundle.js:8163:94)

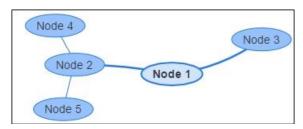


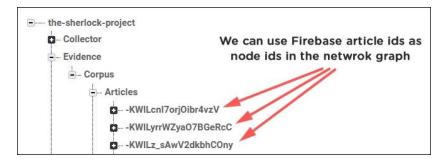


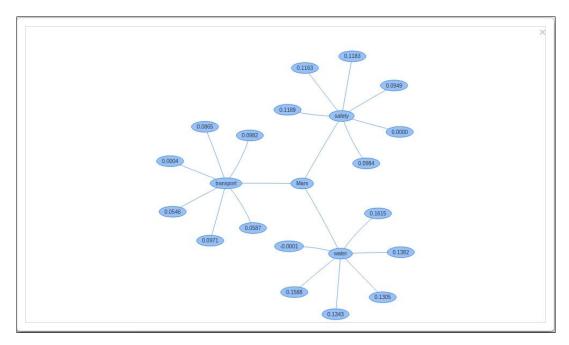
#	Words	Counts	Normalized	IDF	TF-IDF(C)	TF-IDF(N)
1	the	59	0.5811	0.2580	15.2209	0.1499
2	of	40	0.3940	0.2630	10.5214	0.1036
3	and	28	0.2758	0.2630	7.3650	0.0725
4	а	23	0.2265	0.3146	7.2350	0.0712
5	in	20	0.1970	0.3198	6.3964	0.0630
6	water	17	0.1674	2.3093	39.2586	0.3866
7	to	17	0.1674	0.2783	4.7311	0.0466
8	on	17	0.1674	0.4521	7.6852	0.0757
9	Mars	15	0.1477	1.2681	19.0216	0.1873

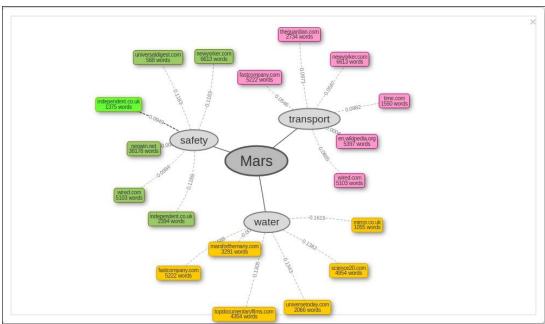


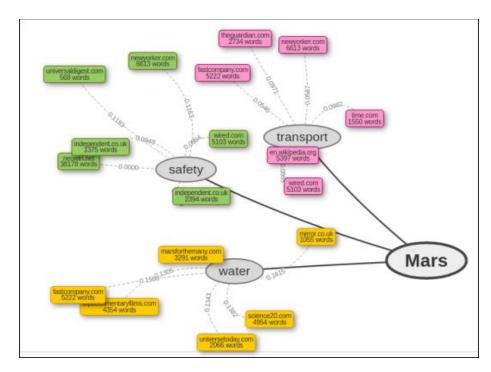


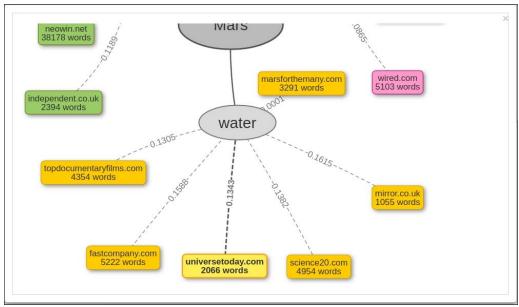






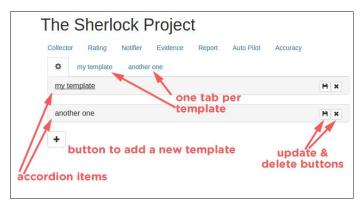






Chapter 7: The Report Generator Service - Creating Controllers to Set Report Template

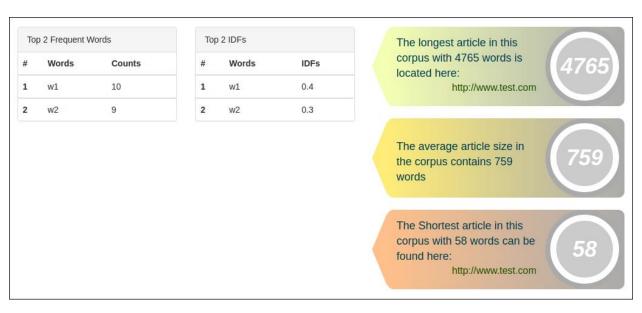


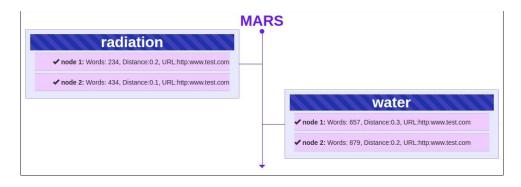


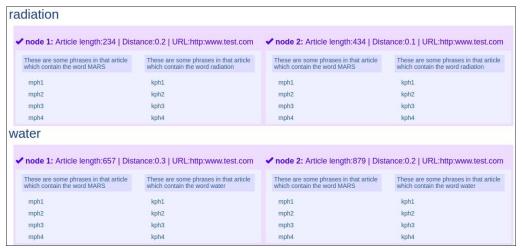




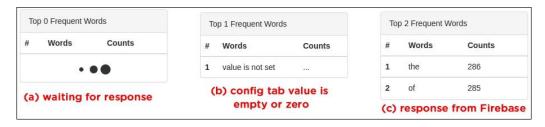


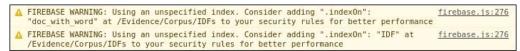




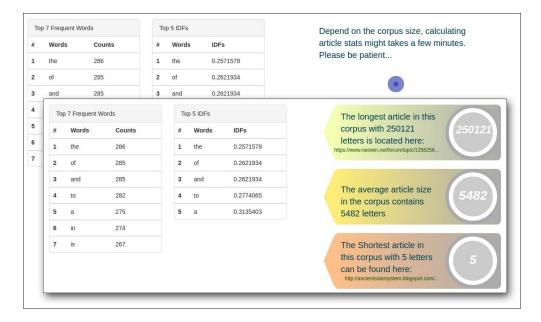


Corpus	settings	
Тор	frequent words in the Corpus	
Тор	IDFs in the Corpus	
Article	stats: Longest Avg. Size Shortest	

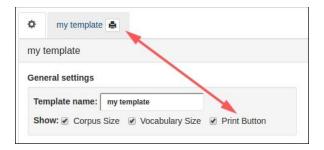




```
Unpublished changes
                                     PUBLISH
                                                        DISCARD
                                                                                 SIMULATOR
             "rules": {
    ".read": true, //"auth != null",
    ".write": true,
    "Notifier" : {
 2 +
 3
 4
 5 +
 6 +
7 +
                    "rated-news": {
    ".indexOn": ["rank"]
 8
               },
"Evidence" : {
"Corpus": {
"IDFs": {
 9
10 +
11 +
12 +
13 +
                          ".indexOn": ["doc_with_word", "IDF"]
14
                     },
"Articles": {
   ".indexOn": ["bag_of_words|"]
15 +
16 +
17
18
19
20
             }
21
```





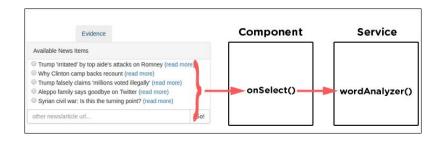


Chapter 8: The Accuracy Manager Service - Putting It All Together









Nominated keywords for corpus	
water,radiation,transport	
Mars	
Fetch Articles For Corpus	



