

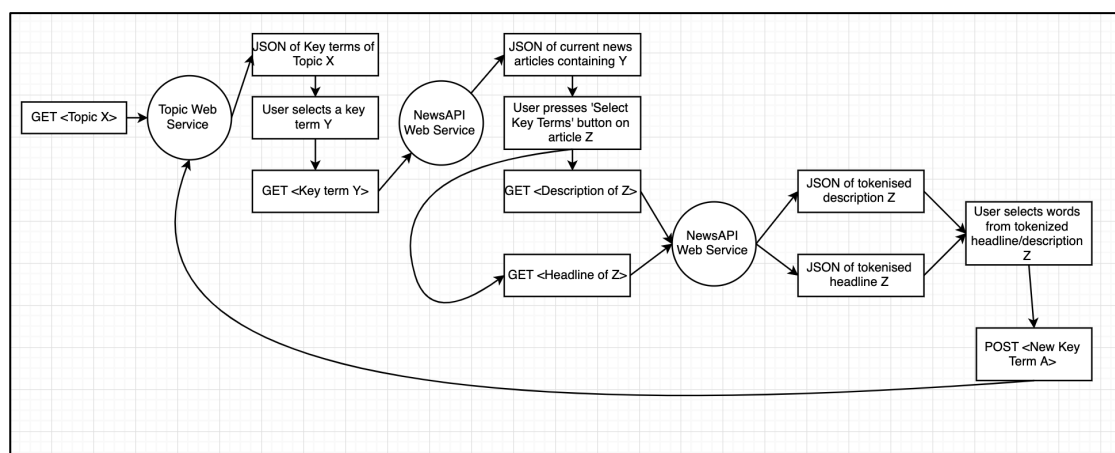
Description

The composition allows users to browse recent news, about topics they are interested in, by displaying news stories containing key terms that the user has associated with the topics. For each news story, the user can select a new key term from the headline or short description to associated with the current topic, which can then be used to search for news containing the new term. The general idea is that users have keywords they can use to explore a topic, and can discover more keywords during their exploration, which expand their exploration capabilities as a result. The intended aim for the user is to build up a repertoire of key terms about a topic of interest which can be used to browse the news.

The web app can be better described with a use case: I am interested in politics so I create a 'Politics' topic and add the key term 'Labour Party' to the topic. I select the key term and the web app displays current news containing mention of the Labour Party. One of the headlines mentions the party leader Keir Starmer. I press a button 'Select Key Term' which converts the headline into buttons. I click the 'Keir' and 'Starmer' button to build the key term 'Keir Starmer' and I confirm its association with the 'Politics' topic. I now return to my list of key terms for my 'Politics' topic, which now contains 'Labour Party' and 'Keir Starmer'. I select 'Keir Starmer' and am shown current news containing mention of him.

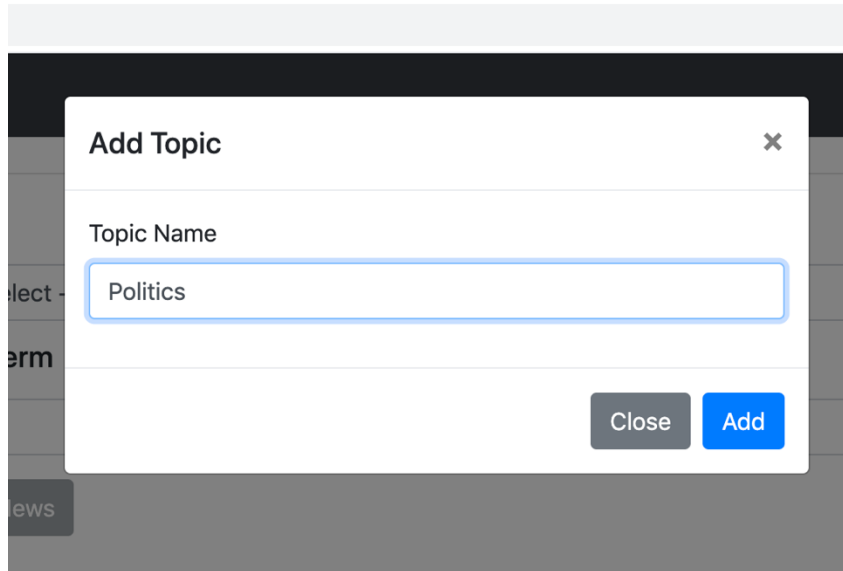
The web app allows users to view/create topics and keywords in our Topics web service. When a user selects a key term the external web service 'NewsAPI' is queried and current news containing mention of the key term is displayed to the user. When the user presses the 'Select Key Term' button the headline/short description is tokenised into separated words by our Tokenise web service. These separate words then become buttons. Once a user confirms the key term they have built (using the buttons), the Topics web service is called to create that keyword and associate it with the current topic.

Design



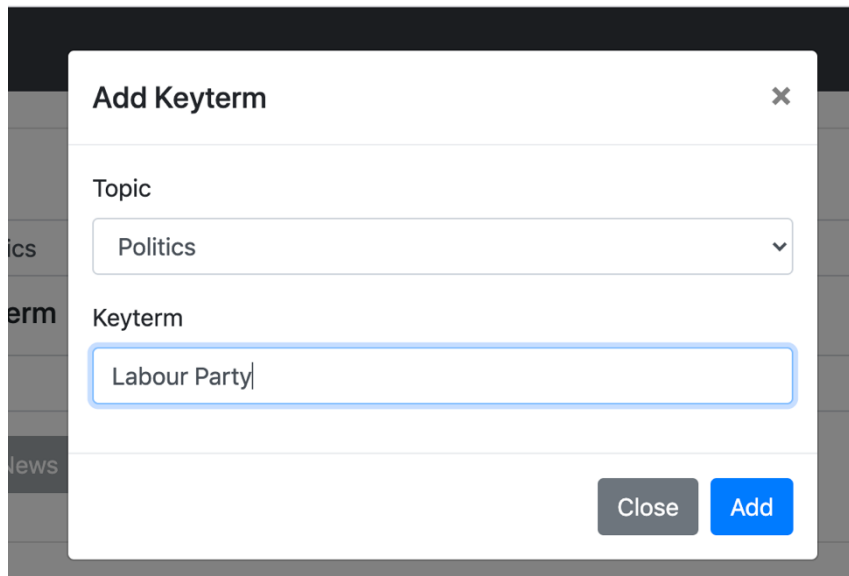
Example

1. The user adds a topic to the Topic web service.



A screenshot of a web application interface showing a modal dialog box titled "Add Topic". The dialog has a close button (X) in the top right corner. Inside the dialog, there is a label "Topic Name" above a text input field containing the word "Politics". At the bottom right of the dialog, there are two buttons: "Close" (grey) and "Add" (blue).

2. The user adds a key term to the 'Politics' topic.



A screenshot of a web application interface showing a modal dialog box titled "Add Keyterm". The dialog has a close button (X) in the top right corner. Inside the dialog, there is a label "Topic" above a dropdown menu showing "Politics". Below this, there is a label "Keyterm" above a text input field containing the text "Labour Party". At the bottom right of the dialog, there are two buttons: "Close" (grey) and "Add" (blue).

3. The 'Labour Party' key term cascades from the Topic drop down. The user selects the 'Labour Party' key term to get news for.

Topic

Politics

+


Key Term

Labour Party

+

Get News

4. News containing reference to 'Labour Party' is displayed, queried from the NewsAPI web service.



BBC News

[Calls for better deal for Arcadia pension holders](#)

Labour says pension scheme members "should not pay the price of Sir Philip Green's greed".

by <https://www.facebook.com/bbcnews>

Select Key Terms

5. The user clicks 'Select Key Terms' and the headline/description of the story are tokenised with the Tokenise web service and turned into buttons. The user clicks 'pension' and 'scheme' to build the key term 'pension scheme' and confirms the selection. This adds the key term 'pension scheme' to the 'Politics' topic in the Topics web service.



BBC NEWS

BBC News

Calls for better deal for Arcadia pension holders

Labour says pension scheme members "should not pay the price of Sir Philip Green's greed".

by <https://www.facebook.com/bbcnews>

New Key Term

pension scheme

Confirm

Topic

Politics



Key Term

pension scheme



Get News