Features:

The main table:

Each article is listed with source, title w/ link to article, date & time when published, and options to “favorite” the article, hide the article, and open a description by clicking on the arrow. Currently, the articles are being sorted by published time – this will be adjusted when the clustering algorithm is implemented.

Known bugs

* Clicking “hide” will not currently make the article disappear
* The links to different pages of articles at the bottom of the table will stop working if you favorite or hide an article
* The published time is not necessarily correct because most sites do not base their time off EST

The Search widget:

Search is intended to be intuitive while also offering more powerful options. You can simply type a phrase into the search box and hit enter – it will search for that exact phrase in the title of all articles. If you click advanced, it will show that this is the default setting.

In the “Search Fields” section, you can also decide to search in the description of the article or, in the future, “data”, which will be the body of the article once we implement the ability to grab an article off a page. For now, clicking “data” will do nothing. These 3 options are related by searching for the phrase entered by the user in ANY of the selected boxes – it is not necessary that the phrase appear in all of the boxes.

In the “Restrict by Fields” section, you can narrow your search by finding ONLY favorite or hidden articles. Unlike the first section, it is required that these be true.

Clicking on “Restrict by Sources” will open a list of all current sources, and gives the ability to narrow your search to specific ones. This will default to searching all sources.

“Date range” can be selected by clicking on the calendar icon at the right of each box. It will search in the subset of articles up to, but not including, the given date.

Known bugs: None

The View widget:

This gives 3 options –the list of all articles, favorite articles, and hidden articles. Additionally, there is a link to “update articles” which will download all new articles from the feeds in your list. This is only temporary because the ultimate plan is to have this happen automatically. Also, it takes awhile (usually 20-30 seconds), so sometimes the request will time out (since Heroku is hosting for free, after all).

Known bugs: If a feed is unavailable when you click on “update articles”, it will generate an error

The Feeds Widget: