

# **Comet Crawler Web Search Engine User Manual**

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# 1

## ACCESSING THE SEARCH ENGINE SYSTEM

### *How to Access the Website Through a Hyperlink*

Step 1: Hover your mouse over the following link, which is underlined and highlighted in blue.

Search Engine Web Page URL: <https://cs-4376-cyberminer.herokuapp.com/>



Figure 1.1 When you have successfully hovered your mouse point over the hyperlink it should look something like this.

Step 2: Once your mouse point is hovering over the link, press down on your mouse to click the link.

Step 3: Viola, you have found your way to the Comet Crawler Search Engine Web Page

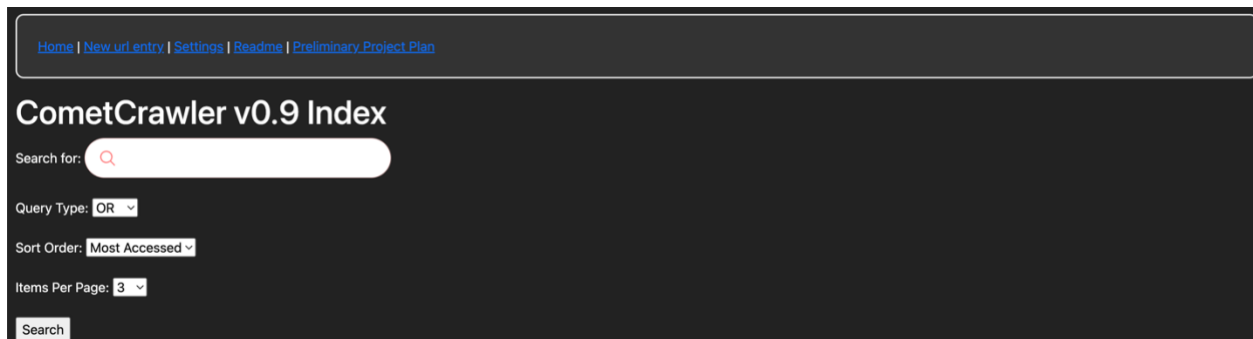


Figure 1.2 The following image illustrates the Comet Crawler Web Search Engine homepage.

## *How to Access the Website Through a Web Browser Window*

Step 1: Open a browser window of your choice.

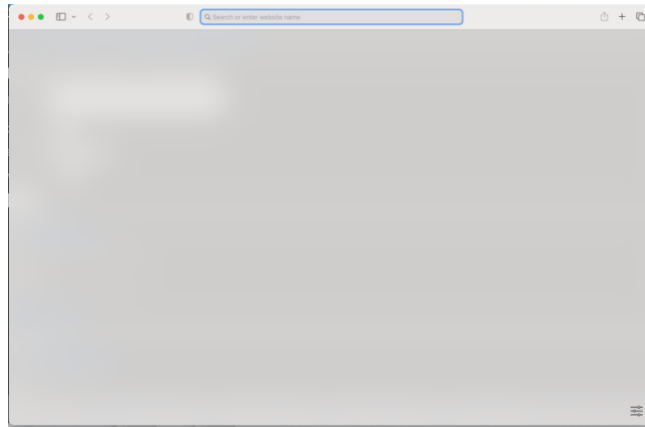


Figure 1.3 The following image illustrates a Safari web browser window.

Step 2: Click the textbox located at the top of your preferred browser window. It might be labeled with a command such as “Search or enter a website name”.

Step 3: Type the following into your search box: <https://cs-4376-cyberminer.herokuapp.com/>.

Step 4: Once you hit enter or click the search icon you should be redirected to the Comet Crawler web search homepage.

# 2

## STEP BY STEP SYSTEM FUNCTIONS

### *How to Carry Out a Search*

Note: If you have not yet opened the Comet Crawler Homepage, please follow the instructions in Section 1 of this user manual.

Step 1: Hover your mouse point over the search bar. Click the search bar and type in your search query. Note: while typing you may notice some autofill options, if one of them match what you're looking for just click on it. Otherwise, finish typing in your search query and click to close the box.

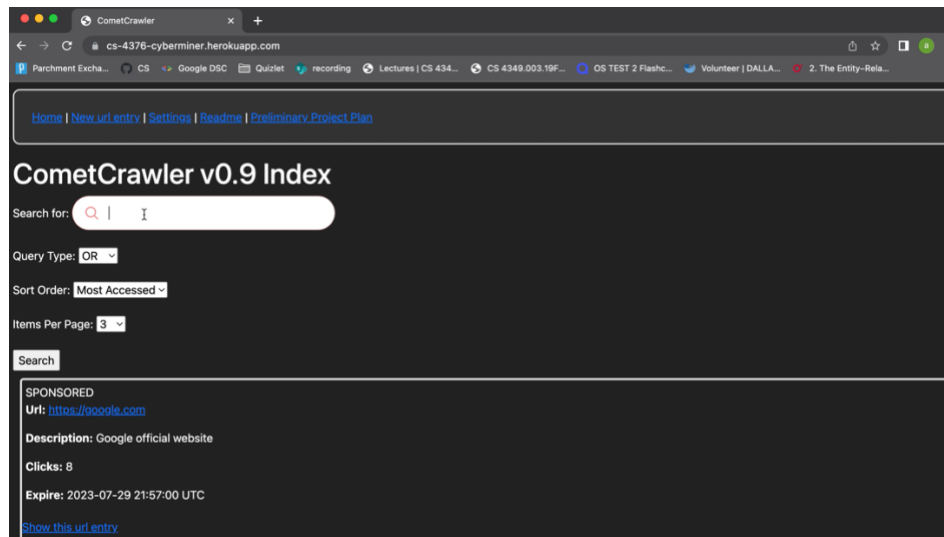


Figure 2.1 The following highlights how to hover your mouse point over the search bar.



Figure 2.2 The following image illustrates the autofill feature.

Step 2: Click Each drop-down box and specify your search parameters.

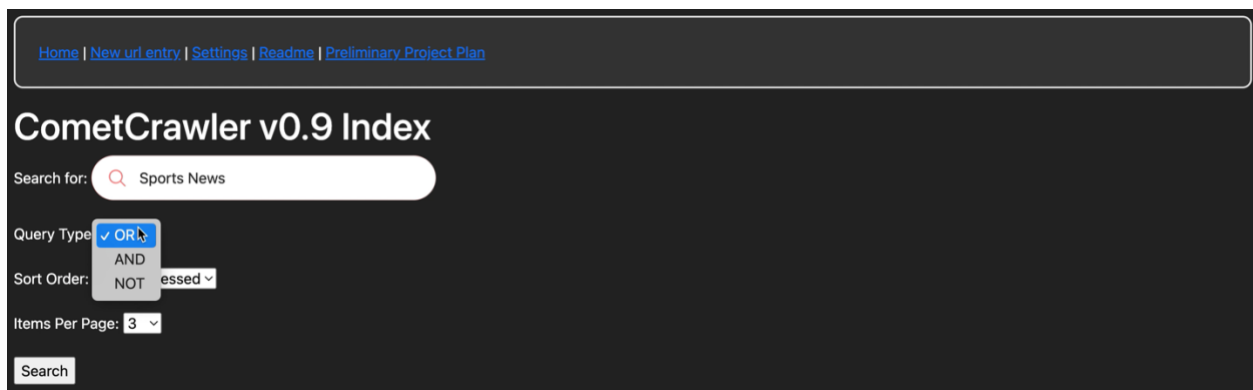


Figure 2.3 The following image illustrates the drop-down boxes for the search parameters.

Step 3: Click the grey box labeled search once you have specified all your search parameters. This should redirect you to the search result page, where you will filled all the relevant search URLs.

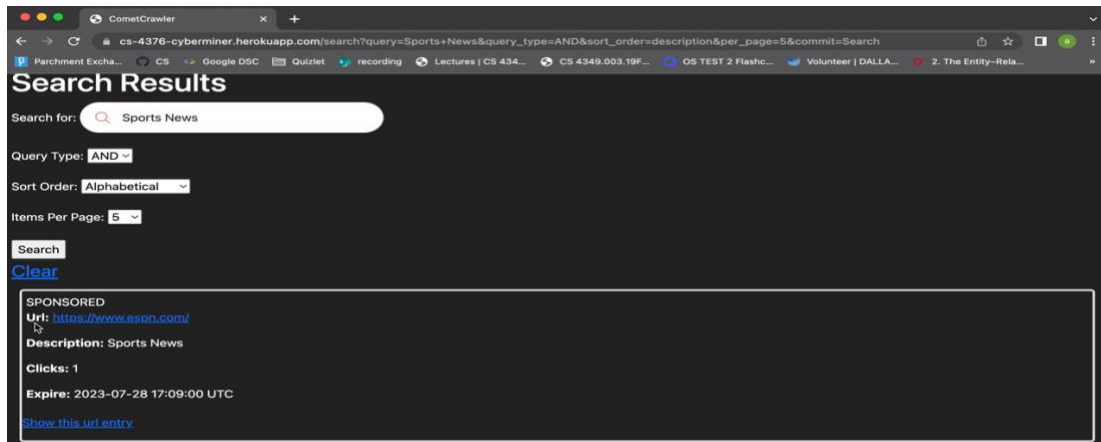


Figure 2.4 The following image illustrates the search result page.

## *How to View Information About a URL Entry*

Step 1: Once you have located your desired URL entry, click on the blue underlined link named “Show this URL entry”. This should redirect you to the URL information Page.

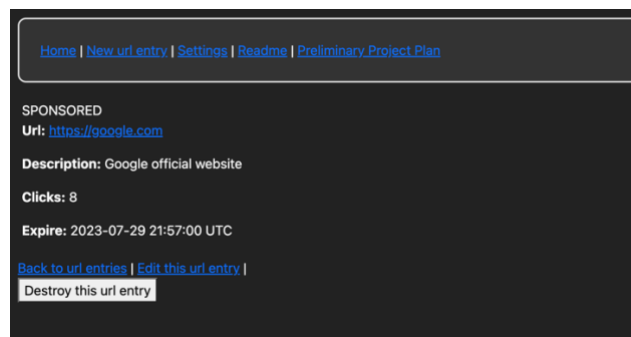


Figure 2.5 The following image illustrates the URL information page.

Step 2: To return back to the website’s homepage, click the blue underlined link labeled “Back to url entries”.

## *How to Edit / Delete a URL Entry*

Note: If you have not yet opened the URL's entries information page, please follow the instructions in Section 2 of this user manual to do so.

Steps to delete a URL entry:

1. Open the URL entry information page.
2. Click the grey button labeled “Destroy this url entry”.
3. If a message pops up at the top of your browser window, click ok to continue the deletion process. When done correctly you should see a confirmation message.

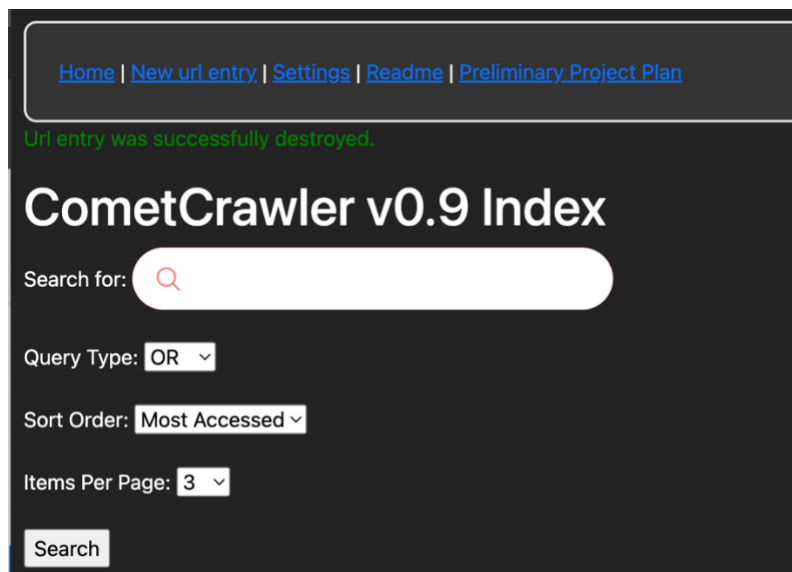


Figure 2.6 The following image illustrates the confirmation page.

Steps to modify a URL entry:

1. Open the URL entry information page.
2. Click on the blue-underlined link labeled “Edit this url entry”.
3. You should see the following page:



**Editing url entry**

Url  
https://google.com

Description  
Google official website

Expire  
07/29/2023, 09:57 PM

Paid Sponsor  
☒

Update Url entry

[Show this url entry](#) | [Back to url entries](#)

Figure 2.7 The following image illustrates the modifying URL entry parameters.

Please modify all the necessary parameters and click the grey button labeled “Update URL entry” when you are done.

4. When done correctly you should see a confirmation message.

### ***How to Create a URL Entry***

Steps to Create a URL entry:

1. Click the blue-underlined link labeled “New url entry” located in the Comet Crawler Homepage Header. This should redirect you to a page that looks like Figure 2.8.

[Home](#) | [New url entry](#) | [Settings](#) | [News](#) | [Privacy Policy](#)

**New url entry**

Url  
Description

Expire  
mm/dd/yyyy

Paid Sponsor  
☐

Create Url entry

[Back to url entries](#)

Figure 2.8 The following image illustrates the New URL entry Page.

2. Fill out all the parameters listed on the web page. For unsponsored URLs keep the “Paid Sponsor” box unchecked.
3. When done correctly you should see a confirmation message telling you your URL entry has been created.

### ***How to Modify the Filtered Character’s List***

Steps to Modify the Filtered Character’s List:

1. Click the blue-underlined link labeled “Settings” located in the Comet Crawler Homepage Header. This should redirect you to a page that looks like Figure 2.9.

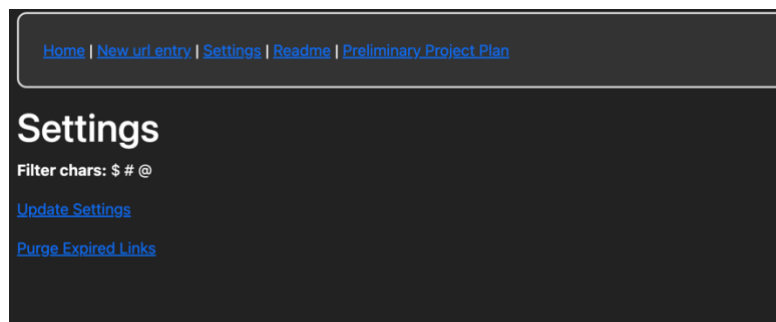


Figure 2.9 The following image illustrates the Settings Page.

2. Click the blue-underlined link labeled “Settings” to modify the filtered characters list.
3. You should be led to a page like the one shown in Figure 2.10. Click the blue-underlined link labeled “update settings” and type in the new filtered characters list.

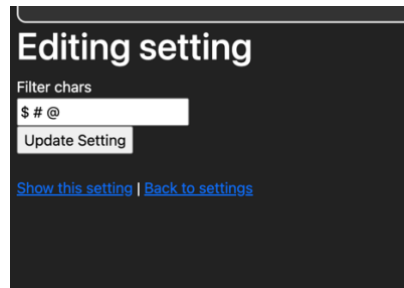


Figure 2.9 The following image illustrates the edit settings Page.

4. When done correctly you should see a confirmation message telling you that the list has been modified.

### ***How to Purge All Out-of-Date URLs***

Steps to Purge all out-of-date URLs:

1. Click the blue-underlined link labeled “Settings” located in the Comet Crawler Homepage Header. This should redirect you to a page that looks like Figure 2.9.

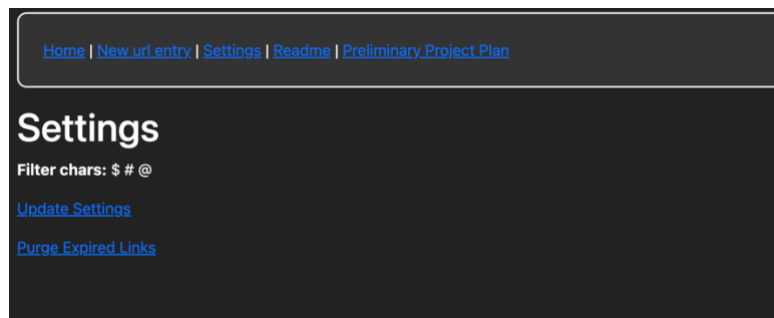


Figure 2.9 The following image illustrates the Settings Page.

2. Click the blue-underlined link labeled “Purge Expired Links” to delete out-of-date URL entries.
3. If a message pops up at the top of your browser window, click ok to continue the deletion process. When done correctly you should see a confirmation message.

