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1. A description of project

The goal of this application is to develop a Chrome extension program that will help everyone who wants to instantly summarize a paragraph or translation on their site.

When we use the Internet, we are exposed to a lot of English. At that time, we solve it through direct analysis or web browser search. However, these methods require you to copy and paste the paragraph each time, and you should also keep tabs on the screen. So we focused on helping you find it easier to use this Chrome Extension program.

If you want know more details, then see

https://github.com/summaryhelpex/summary_Documentation

2. How to obtain and install the software

2.1 Installing Server

2.1.1 set up django

SummaryHelp_Server use Django for Python, so you need to set up python and Django for python.

To set up python: https://www.python.org/

To set up django : https://docs.djangoproject.com/ko/2.2/intro/install/

2.1.2. set up nginx, mysql server

summaryhelp is running on a web server basis, I have built a MySQL server.

sudo apt-get install nginx

sudo apt-get install mysql-server

2.1.3. set up middleware_gunicorn

DIt is middleware that connects nginx and django, so it should be installed in order to build an efficient web environment. This middleware also allows us to turn our api server into a daemon program.

sudo apt-get install gucnicorn

2.2 Client

2.2.1. install Chrome Extension

1. access https://github.com/summaryhelpex/SH_ChromeExtension_Client/
2. click "clone or download" in the middle of the browser.
3. click "download Zip" button, so you will be able to find download.zip in your computer
4. Decompress download.zip

5. open chrome browser, and click 'More tools' -> 'Extensions' in chrome menu

6. click 'developer mode' 'in upper-right side of the browser

7. Click 'load the unpacked extension', and then select 'plugin' directory

8. if our extension icon in upper-right side of browser is added, you are ready to use our program.

3. How to run the software

1. Client

1. Expert User.

1. Chrome extension

   if you want to customize our extension program, modify 'popup.html ' ONLY. if you mistakenly modify other files, our program may be not executed.

2. lite User.

1. Chrome extension

   if you need to summary the article, you just execute our program. if you give us a evaluation of our program, it will help us improve the performance of the program

2. Server

1. on the server

   Enter in the directory where the manage.py file is located

   gunicorn summary_help.wsgi:application --bind=0.0.0.0:8000 --daemon—reload

   if you want to run as daemon, you have to write gunicorn config file

2. on the local

   Enter in the directory where the manage.py file is located

   python manage.py runserver(django test server)

4. A high-level description of the user view of software

Main Popup

If you drag article that you want to summarize and execute chrome extension,

you can see the following main pop-up.

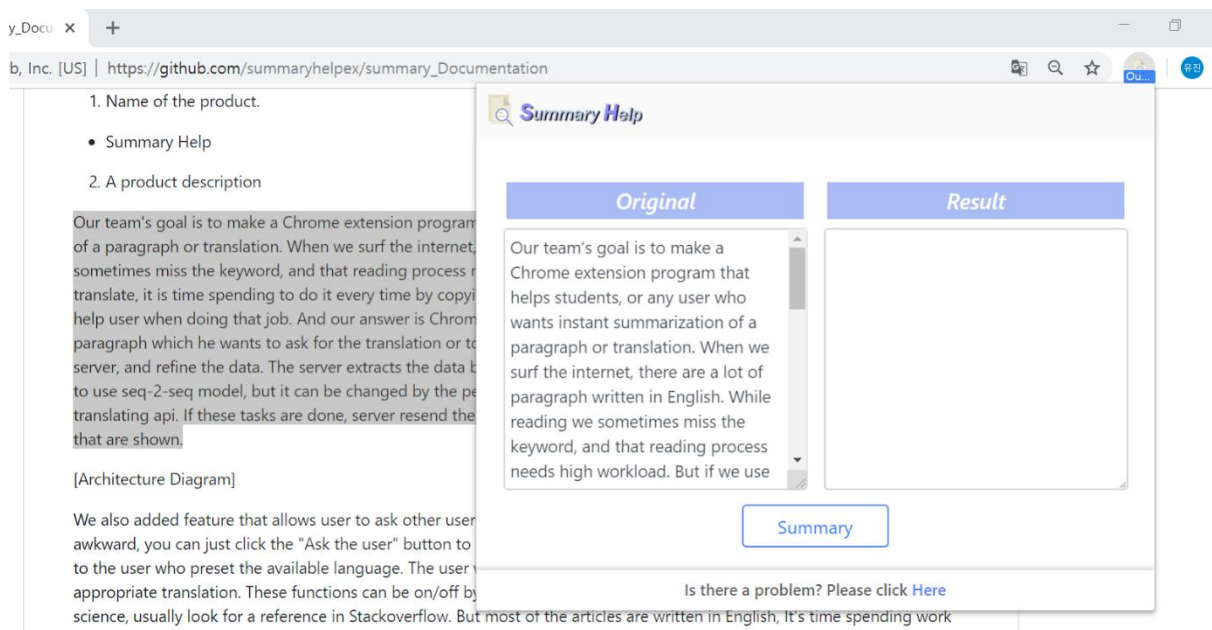The main pop-up screen consists of 1)'summary', 2)'evaluation', and 3)'bug report'.

1)   First, the most striking thing is the two textarea. This is the part that summarizes. In the left text-area, the article you want to summarize is stored. The right text-area shows the summarized results, which can be done with the 'Summary' button at the bottom.

2) If you get the results summarized by that button, you can rate our program with a star below the button. You can leave a star according to the satisfaction of the summary result.

3) Finally, at the bottom, there is a link to report a bug that occurred while running the program as a footer. Clicking on the letter "Here" will move you to Google Form, where you can write a bug report.

5. How to use the software

5.1. If you want to summarize an article in a web page

1. You drag the article you want to summarize
2. if you do right-click and then click our icon of context menu, you can show that the article you dragged is stored in extension program.
3. Click 'summary' button and then you will show summarized article.

5.2. If you want to summarize an article an external file that you own

1. You drag the article you want to summarize
2. Then you copy the article to 'Ctrl+c'.
3. Now you can turn on Google Extension program and paste them into a text window.
4. Click 'summary' button and then you will show summarized article.

6. How to report a bug

To report a bug, go to this webpage:

https://forms.gle/J4knJ8CZGgb7XDdKA

You can freely send requests for bugs that you have experienced using our program. You should specify how to reproduce the problem so that we can reproduce the bug. Also, if you want to receive our feedback, you can write your email address and get feedback.