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CS4395.001

Assignment 6: Web Crawling

Knowledge Base:

I made my knowledge base by creating a list of all the sentences in my corpus which contain the important terms. I correspond each term to their respective lists into a Python dictionary and then pickling the data. That way I can look up all sentences related to that term easily.

Background pattern

Description automatically generated with low confidence

Above is screenshot of one sentence for each term. A lot of first sentences are of the sidebar of the wiki, which is why the sentences are just a list of terms. However in the actual dictionary there are real sentences.

A picture containing graphical user interface

Description automatically generated

Pickled file

Sample Dialog:

Hello, I’m RuneBot, a chatbot for Old School Runescape. I can answer any question regarding Old School Runescape. What is your woodcutting level?

* 54

Okay. What questions do you have for me?

* What woodcutting level do you need to wield a Bronze Axe?

You would need a woodcutting level of 1.

* What is the best axe for Free-to-Play players?

That would be the Rune Axe.

* Where can Blisterwood trees be found?

They can be found in the Arboretum in Darkmeyer.

* Can I cut that with my current woodcutting level?

No, you cannot cut a Blisterwood tree with your current woodcutting level of 54.

* How many hitpoints does a Hill Giant have?

I do not know, please refer to the wiki. <link to Hill Giant wiki page>