

[9/8, 9:25 AM] Dakshith Siet: import requests

import os

from bs4 import BeautifulSoup

Set the URL of the first XKCD comic url = 'https://xkcd.com/1/'

Create a folder to store the comics

if not os.path.exists('xkcd_comics'):

[9/8, 9:26 AM] Dakshith Siet: os.makedirs('xkcd_comics') # Loop through all the comics while True:

Download the page content

res = requests.get(url)

res.raise_for_status()

Parse the page content using BeautifulSoup soup = BeautifulSoup(res.text, 'html.parser') # Find the URL of the comic image comic_elem = soup.select('#comic img')

if comic_elem == []:

print('Could not find comic image.')

else:

comic_url = 'https:' + comic_elem[0].get('src') # Download the comic image print(f'Downloading {comic_url}...')

res = requests.get(comic_url) res.raise_for_status()

[9/8, 9:26 AM] Dakshith Siet: # Save the comic image to the xkcd_comics folder

image_file = open(os.path.join('xkcd_comics', os.path.basename(comic_url)), 'wb')

for chunk in res.iter_content(100000): image_file.write(chunk)

image_file.close()

Get the URL of the previous comic prev_link = soup.select('a[rel="prev"]')[0] if not prev_link:

break

url = 'https://xkcd.com' + prev_link.get('href')

print('All comics downloaded.')