

Forum:[Hack Forums](#)

Thread: [\[Source\] Random image downloader by size](#)

Edge - November 22, 2021, 8:49 am

Hey! I've been practicing python and messing around with APIs. This script will download the number of images you want based on the size you declare using Lorem Picsum.

I added a lot of comments incase you are learning as well.

Source Code Spoiler ([Click to View](#))

Code import requests

```
def logo(): #returns logo text.
```

```
    return """
```

```
        Created by
```

```

/_____/___V_____/_____/
/_____/_____/_____/_____/
/_____/_____/_____/_____/
/_____/_____/_____/_____/
/_____/_____/_____/_____/
-----

```

```
"""
```

```
def getimg(width, height, count): #get and download our images.
```

```
    count = int(count) #converts user input "count" to int.
```

```
    i = 0
```

```
    print("Downloading " + str(count) + " images. . .")
```

```
    for _ in range(count): #tells your script to run "count" times from user input.
```

```
        i += 1 #adds +1 to i variable for naming images img + i + .jpg so we have unique names for images
        and no overwriting.
```

```
        req = requests.get("https://picsum.photos/" + width + "/" + height).content #our request based on
        the width and height of the user input.
```

```
        print("Downloading image " + str(i) + "/" + str(count)) #telling the user what image out of the total
        number of images that we're working on.
```

```
        with open("img"+ str(i) + ".jpg", 'wb') as img: #writing the img files
```

```
            img.write(req)
```

```
        input("Downloaded " + str(count) + " images. Press enter ") #telling the user the script is complete.
```

```
def main():
```

```
    print(logo())
```

```
    print("Max resolution is 3840 x 2160")
```

```
    width = input("Width: ") #asking for user input for width.
```

```
    height = input("Height: ") #asking for user input for height.
```

```
    count = input("Count: ") #asking for user input for number of images.
```

```
    if int(width) > 3840 or int(height) > 2160: #if statement to make sure our input resolution isn't too
    big for the api. if its too big we exit the script.
```

```
input("Resolution too big. Try again ")
exit()
getimg(width, height, count)#calls our "getimg" function.

if __name__ == '__main__':
    main()
```

I also converted it to an EXE using pyinstaller which makes it easier to run but virustotal thinks its a virus so I won't upload lmao

Thanks (:

TransfemMarxist - December 7, 2021, 1:51 am

Tiny improvement you could make to your code

instead of using i to define your numbers in the files, you could simply just use the variable in your for range() loop

and instead of converting your count to an int after the function, you can change the function to

Code def getimg(width: int, height: int, count: int):

this will ensure that your variables are integers when your function starts

Akumi - December 13, 2021, 12:58 pm

I did a little project similar to this however I was using a public anime image API aha

Edge - December 13, 2021, 1:46 pm

(Dec 13, 2021 01:58 PM)Akumi Wrote: [\[CITE\]](#) I did a little project similar to this however I was using a public anime image API aha

I love APIs lol