### **PyGame animation**



### 13-20 June 2021; by TwoToque

Created in Toronto, Ontario, Canada for a Python 101 class culminating assignment.

The code is not the greatest- expected coming from a class which we learnt this language within a span of two months. Tried my best and I'm quite proud of what I produced in a week. Yes- this can be improved upon, but this is the climax of what I learnt over this class. Thanks to me teacher, my friends, (which I will keep private for the sake of privacy) and the PyGame Discord server (https://discord.gg/5hg9x7Y7x3).

Requires the Bahnshrift font, included in Windows 10 version 1709 and up. If you don't have the aforementioned operating system, feel free to change to a font akin to Bahnschrift or DIN 1451 for a closer looking experience.

Text to speech from <a href="https://ttsmp3.com">https://ttsmp3.com</a>

Copyright for the Minecraft stuff unclear. "Minecraft" is a trademark of Mojang AB.

Narrator profile picture is from Coraline. Copyright unclear.

DaBaby trademarked by Jonathan Lyndale Kirk. Copyright unclear.

Music by respective authors. Links viewable at storyboard file. Copyright unclear.

Software used was PyCharm, Adobe Photoshop, and Paint.net. Created on Windows 10.

#### Contact me on:

Reddit: u/kazoosportacus

• **Discord:** EndQuote#2696

E-mail: <u>Creepersrock28@gmail.com</u>

A viewable version of this animation is available here: <a href="https://www.youtube.com/watch?v=fzD-cfd6QE">https://www.youtube.com/watch?v=fzD-cfd6QE</a>

I use a varsity of **pseudonyms** for general privacy reasons. If you happen to know my name, please keep it private.



# Running PyGame



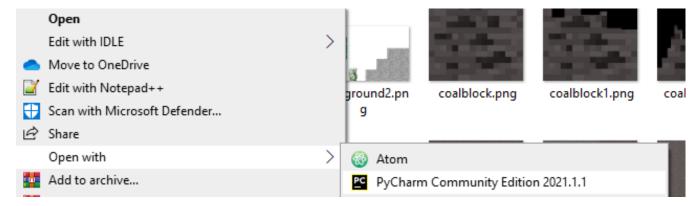
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**For Windows 10 using PyCharm.** Refer to other sources for other operating systems or integrated development environments.

- 1) Install **Python** and **PyCharm**.
- 2) Open up Command Prompt.
- 3) Type in **pip install pygame**.

```
C:\Usershamerpip install pygame
Collecting pygame
Using cached pygame-2.0.1-cp37-cp37m-win_amd64.whl (5.2 MB)
Installing collected packages: pygame
Successfully installed pygame-2.0.1
```

- 4) Open up PyCharm.
- 5) Download everything in the "PyGame Animation" folder (https://drive.google.com/drive/folders/1-zs\_x0T3P47sn7a3QmqWkkU\_TnjYV-OT?usp=sharing). Once everything has been downloaded, move every file into a folder. Additionally, you can download the zip file provided and extract it using a program like WinRAR or 7zip.
- 6) Right click animation.py and then hover over Open with and select PyCharm.



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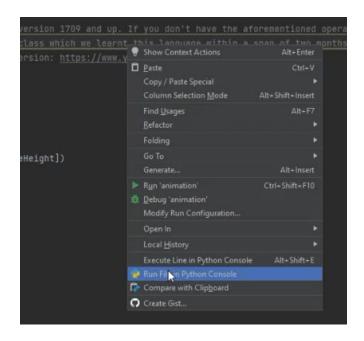


# **Running PyGame**

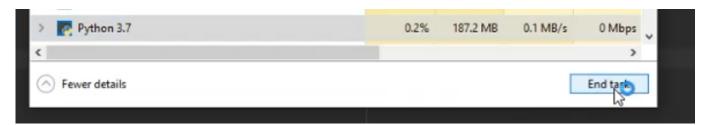


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7) Right click anywhere on the code and select Run File on Python Console



8) To close the program, hold down **CTRL** + **ALT** + **DEL**. Open up **Task Manage**r. Find the **Python** process and end the task.



Screenshots may differ compared to your screens.

Last edited 21 June 2021.

