Development Environment Manual

Our application used Python 2.7.8 as our language, pygame 2.7 as our GUI, and any text editor as our

For Linux Users Guide

Download and Install Python 2.7.8

Download (HTTP): http://www.python.org/ftp/python/2.7.8/Python-2.7.8.tar.xz

Download MD5 sum: d235bdfa75b8396942e360a70487ee00

Download size: 11 MB

Estimated disk space required: 222 MB (additional 18 MB for the tests)

Estimated build time: 1.0 SBU (additional 4.8 SBU for tests)

To install Python, open your terminal and type the following commands:

```
./configure --prefix=/usr        \
            --enable-shared      \
            --with-system-expat  \
            --with-system-ffi    \
            --enable-unicode=ucs4 &&
make
```

To make sure you successfully installed Python, run this command in your terminal

```
make install &&
chmod -v 755 /usr/lib/libpython2.7.so.1.0
```

source: http://www.linuxfromscratch.org/blfs/view/7.6/general/python2.html

Download and Install Pygame

Open your terminal and run the command:

"sudo apt-get install python-pygame".

Source: https://inventwithpython.com/pygame/chapter1.html

For Windows Users Guide

Download and Install Python 2.7.8

1.) Download installer for windows 7 by clicking the link
   https://www.python.org/ftp/python/2.7.8/python-2.7.8.msi
2.) Run the installer that you've downloaded until all files are installed.
3.) Make sure that installed version is included in the path of your system environment variables.

Download and Install Pygame

Using pip:

On your command prompt run

"pip install pygame"

Without pip:

1.) Download pygame installer on
   http://pygame.org/ftp/pygame-1.9.1.win32-py2.7.msi

2.) Run the installer. The installer will prompt multiple options, but just clicked next and wait until the installer to install pygame.

Text editor

You can use text editor available in your machine.

Download our Application

1) Go to this website: https://github.com/sharleengo/XCRAM
2) Click download at the upper right part of the website
3) As you successfully download it, you must see a zip file named TaskOverflow, extract it.
4) In the extracted file folder, go to 05 Implementation folder -> TaskOverflow:

   You must see 3 folders named as Control, Data, and UI.

5) Those folders contain the codes of our application you wish to develop. Just read the comments included in each file code to understand how our application works.