CPU-OS Simulator on Linux and Mac using Wine

It is possible to run the simulator on Linux and Mac platforms. Use the following information to

1. **Install**

   a) Install **wine** and **cabextract** with the package manager for your OS.

   For Debian:
   ```
   sudo apt-get install wine cabextract
   ```

   For Fedora:
   ```
   sudo yum install wine cabextract
   ```

   For Arch:
   ```
   sudo pacman install wine cabextract
   ```

   For OS X:
   ```
   brew install wine cabextract .
   ```
   Install homebrew.

   Install **winetricks** (see winetricks wiki)

   b) Use **winetricks** to install **vb6run** and **mfc42**

   e.g. `winetricks vb6run mfc42`

   c) Run the installer for CPU-OS Simulator in `wine`

   e.g. `wine CPU-OS Simulator.exe`

2. **Run CPU-OS Simulator**

To run CPU-OS Simulator enter the following command
```
wine <path to simulator executable>
```

```
e.g. wine ~/.wine/drive c/Program\ Files/CPU-OS\ Simulator\CPUSimulator.exe
```

Notes
a) If drop down menus do not work well, use arrow keys to work your way through lists.
b) It may be better not to directly enter text into the Compiler window as it is rather unstable (under Wine at least). Instead, load your text files that are prepared using a text editor.
c) Wine is regularly being updated, so it may be best to update your installation from time to time.