How to setup *paperbot* in cqed2

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requirements

- install beautifulsoup4 (or bs4)

- install slackclient

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launch and revision

- standard launch:

  • to launch: screen -S paperbot nohup ./restart_paperbot.sh

  • to see: screen -ls

  • to finish: screen -R paperboy + (Ctrl + C)

- full launch:

  • virtualenv paperbot

  • source paperbot/bin/activate

  • pip install numpy

  • pip install slackclient (if were need)

  • see the restart_paperbot.sh

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keyword.npy manipulation

- to add a new list to the current keyword list (but omitting cases that are already there):

```
in the ipython console:
    kw  = np.load('keywords.npy')
    kw2 = ['here','goes','the new','list of keywords']
    in_kw = set(kw)
    in_kw2 = set(kw2)
    in_kw2_but_not_in_kw = in_kw2−in_kw
    kw_new = kw + list(in_kw2_but_not_in_kw)
    np.save('keywords.npy',np.array(kw_new,dtype=str))
```

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more info: https://www.fullstackpython.com/blog/build-first-slack-bot-python.html