PowerOfRepetitionDemo

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1 Power of Repetition Demo

Working code demo for power of repetition Chinese Media WeChat study.

1.1 What's here

- [X] wxpu friend+msg demo
- [X] itchat friend+msg demo
- [ ] itchat friend+msg+time demo
- [X] cvs + python demo
- [X] itchat + cvs demo

```
In [ ]: # wxpu friend+msg demo: send msg, auto reply, friend
        from wxpy import *
        bot = Bot()

        # search for friend named 'Friend' and send message
        friend = bot.friends().search('filereader')[0]

        # send a message
        friend.send(u"Hello, World!")

        # automate reply
        @bot.register(friend)
        def reply_friend(msg):
            msg.reply(u'Good morning, good evening and good nite.')

        # keep login-ed
        embed()

In [18]: # intall itchat Python package as a shell command
         !pip install -U itchat

Requirement already up-to-date: itchat in /anaconda3/lib/python3.7/site-packages (1.3.10)
Requirement already satisfied, skipping upgrade: pyqrcode in /anaconda3/lib/python3.7/site-pack
Requirement already satisfied, skipping upgrade: requests in /anaconda3/lib/python3.7/site-pack
Requirement already satisfied, skipping upgrade: pypng in /anaconda3/lib/python3.7/site-package
```

```
Requirement already satisfied, skipping upgrade: idna<2.8,>=2.5 in /anaconda3/lib/python3.7/si
Requirement already satisfied, skipping upgrade: chardet<3.1.0,>=3.0.2 in /anaconda3/lib/pytho
Requirement already satisfied, skipping upgrade: certifi>=2017.4.17 in /anaconda3/lib/python3.7
Requirement already satisfied, skipping upgrade: urllib3<1.24,>=1.21.1 in /anaconda3/lib/pytho
```

In [16]: # itchat friend+msg demo: send a msg to filehelper
         import itchat
         itchat.auto_login()
         itchat.send('Hello, world', toUserName='filehelper')

```
Getting uuid of QR code.
Downloading QR code.
Please scan the QR code to log in.
Please press confirm on your phone.
Loading the contact, this may take a little while.
Login successfully as liz
```

Out[16]: <ItchatReturnValue: {'BaseResponse': {'Ret': 0, 'ErrMsg': '', 'RawMsg': ''}, 'MsgID':

In [11]: # cvs + python API demo: display content of test.cvs
         import csv
         with open('test.csv', newline='', mode='r') as inputFile:
             inputReader = csv.DictReader(inputFile)
         #   next(input_reader, None) # skip the headers in cvs.reader(input) mode
             for row in inputReader:
                 print('From: ' + row['From'])
                 print('To: ' + row['To'])
                 print('Message: ' + row['Msg'])
                 print('\n')

```
From: liz
To: filehelper
Message: test0


From: liz
To: b83120371
Message: test1


From: liz
To: luv
Message: test2
```

```
From: liz
To: Tiffany
Message: test3


From: liz
To:
Message: test4


From: liz
To:
Message: test5


From: liz
To: Sherry Zhang
Message: test6
```

In [13]: # demo for using csv with itchat
         import csv
         import itchat

         itchat.auto_login(hotReload=True)

         with open('test.csv', newline='', mode='r') as inputFile:
             inputReader = csv.DictReader(inputFile)

             for row in inputReader:
         #   itchat.send((row['Msg']), toUserName=(row['To']))
                 receiverUserName = (row['To'])
                 msg = (row['Msg'])
                 itchat.send(msg, toUserName=receiverUserName)
                 print('Sent!')

```
Sent!
Sent!
Sent!
Sent!
Sent!
Sent!
Sent!
```

In [ ]: # demo for account registered with Google Voice