

Python Pinyin Searcher

1. Information

Name: Python Pinyin Searcher (pysearcher)

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Description: This is a tool developed with Python for search the Pinyin of Chinese, which is input or pasted by user.

Download: <http://kongove.cn/download/prog/pysearcher.tar.gz>

Licence: GPLv2

Anticipated User: Foreigner who is learning Chinese

2. Environment

GNU/Linux, Windows and other operating system which is support Python Python2.5, wxPython GUI Pocket

3. Introduction

1) Parts:

Display panel, Input panel, Five buttons(Clear, Paste, Search, Record, Quit), Others



At first, the Display panel shows "Display The Result Of Search Here..." ,Input panel shows "Input or Paste Chinese Words..." , and the message is selected.

Introduction of the five button:

Clear: Clear the content of Input panel

Paste: Paste Chinese in the memory into Input panel

Search: Process the content of Input panel and output the result to Display

panel

Record: Record the content of Display panel into record_pinyin.txt

Quit: Quit the program



Introduce of result :

“都” can be read as: dou1 /du1

Chinese words “都” can be read as “dou” (1st tone) and “du” (1st)

Multi-sound characters split with '/'

Chinese words is blue, Pinyin is red, and intonation is green

The number behind the Pinyin:

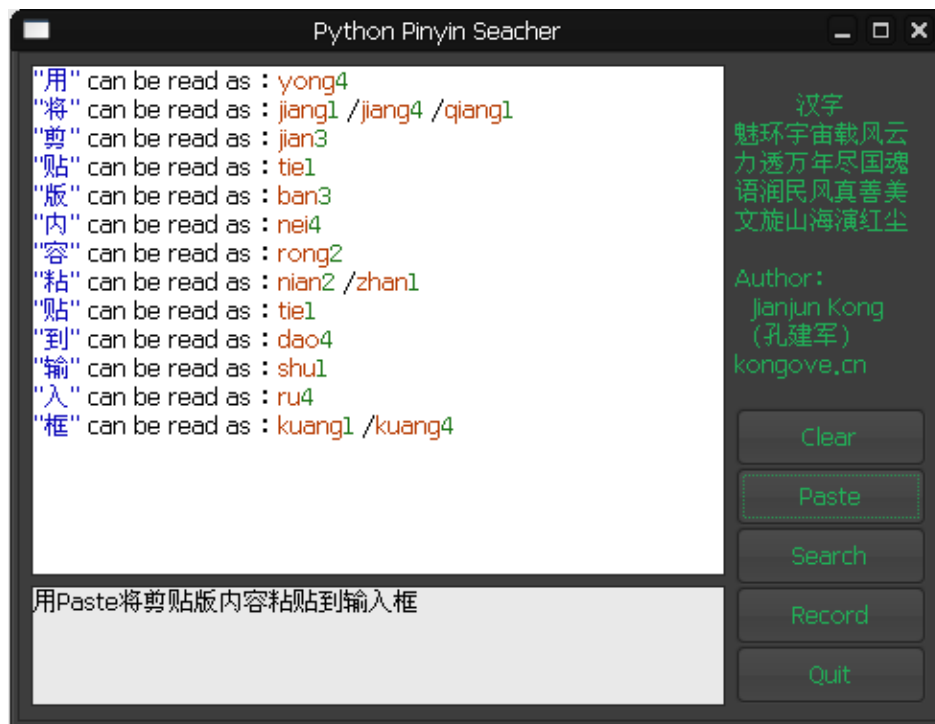
1 : 1st tone

2 : 2nd tone

3 : 3rd tone

4 : 4th tone

5 : 5th tone



Use Paste button, paste Chinese in the memory into Input panel



Right click the windows except the text panel, you can look the information

4. Run

- 1) Download the files which include two file(pysearcher.py and pinyin.txt)**
- 2) Add the permission to run this file**
\$ chmod +x pysearcher.py
- 3) Install and configure Python、wxPython GUI environment**
- 4) Run the program in the command line**
\$ python pysearcher.py

5. Others

Expansion:

- 1) Simply Pronunciation**
- 2) Display the result when words are selected in all the windows**

Welcome your suggestion!

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