

Python

- description : python
- author :
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- lastupdate : 2020-06-17

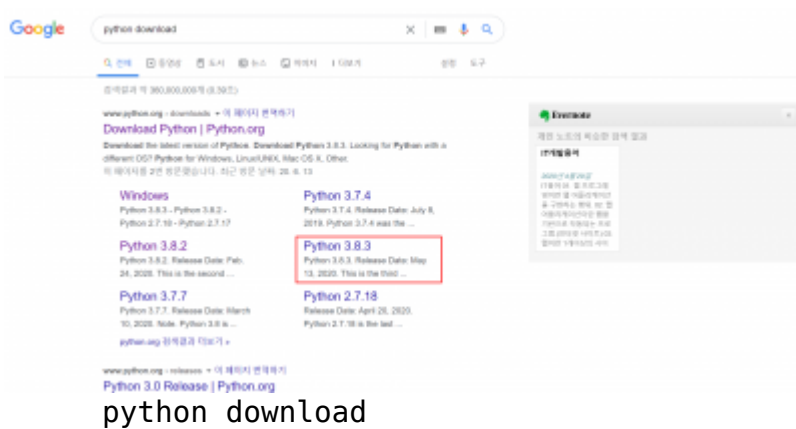
Python

Python

-
-
- GUI Application (PyQT)
- (GitHub)
- (, , ,)

Library Google_Colab

1. Python



python download

Version	Operating System	Description	MD5 Sum	File Size	QC
Source release	Source release		a7c5a2e3d3d3e75a0ca30463e7807	2467487	5%
XZ compressed source tarball	Source release		30882f5aa41352ae8f02112a70	1781284	5%
macOS 64-bit installer	Mac OS X	For OS X 10.9 and later	085e94e25d225d40793e7e41348	3811971	5%
Windows help file	Windows		4aee9d71a3b3883e715a3e3d4d22	398333	5%
Windows x86-64 executable zip file	Windows	for AMD64/EM64T/x64	4128475c1a417d3d821e6a978381	817802	5%
Windows x86-64 executable installer	Windows	for AMD64/EM64T/x64	8d3188c8e8e2d89f6c2277e12883e	2780880	5%
Windows x86-64 web-based installer	Windows	for AMD64/EM64T/x64	17e93423e7f9f11e887c28a48e4	1384138	5%
Windows x86 executable zip file	Windows		3ee9403e0c2e785e43e4484152e	738025	5%
Windows x86 executable installer	Windows		45217a2e457154228e03948c111f	2844744	5%
Windows x86 web-based installer	Windows		8725028ca3d8e07431805eac3d751	1325808	5%

Files OS
 Windows 64 Windows x86-64 executable installer

2. vsCode

Visual Studio Code

python

Google search results for 'vscode download'. The search results show the official Visual Studio Code download page for Windows, Linux, and Mac. The Windows section is highlighted, showing the 'User Installer' option for 64-bit systems.

vsCode download

Download

Windows T, 8, 10

User Installer 64 bit 32 bit
 System Installer 64 bit 32 bit
 .zip 64 bit 32 bit

Linux Debian, Ubuntu Red Hat, Fedora, SUSE

.deb 64 bit
 .rpm 64 bit
 .tar.gz 64 bit

Mac macOS 10.10+

Windows > User Installer

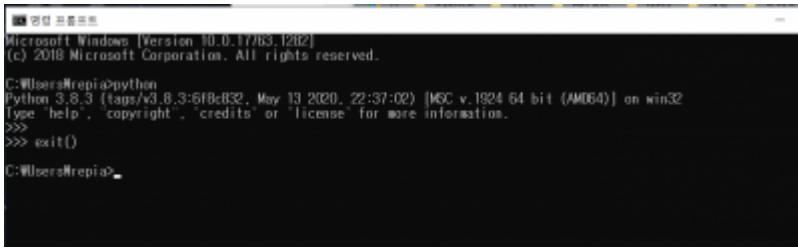
3. Install

가 .

- python : Add Python to PATH
- vsCode : 가 > PATH 가 (가)

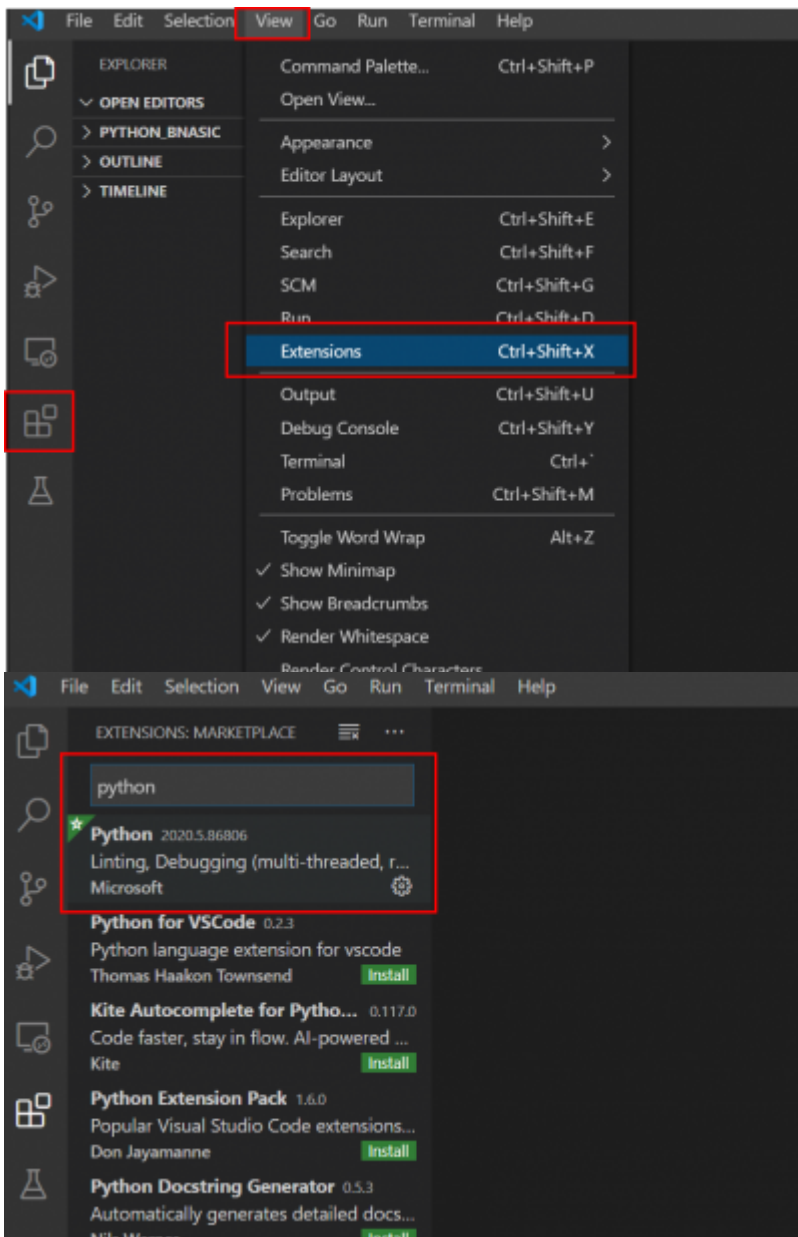
Tip : . (..)

4.



python : cmd python
 vscode : cmd code

5. vsCode



view > Extensions

Extensions

python install
 installing

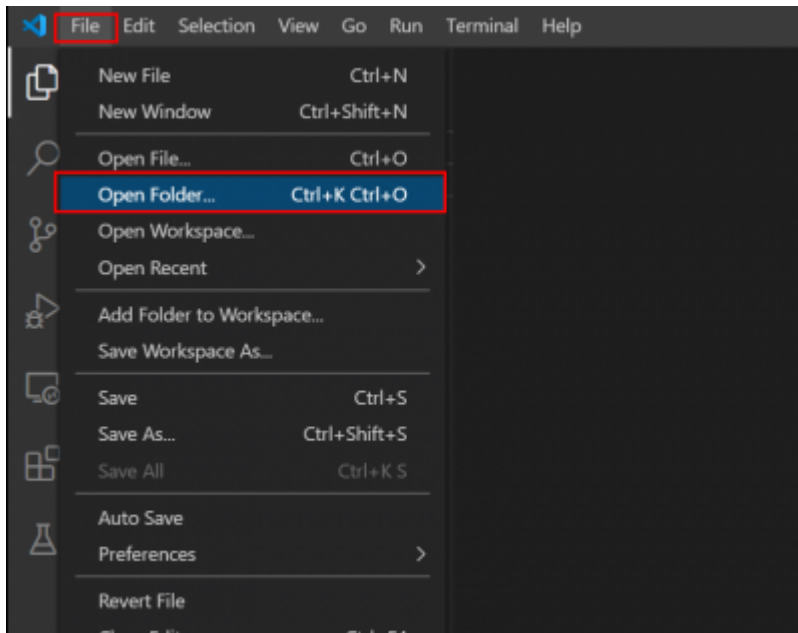
가
python

installing

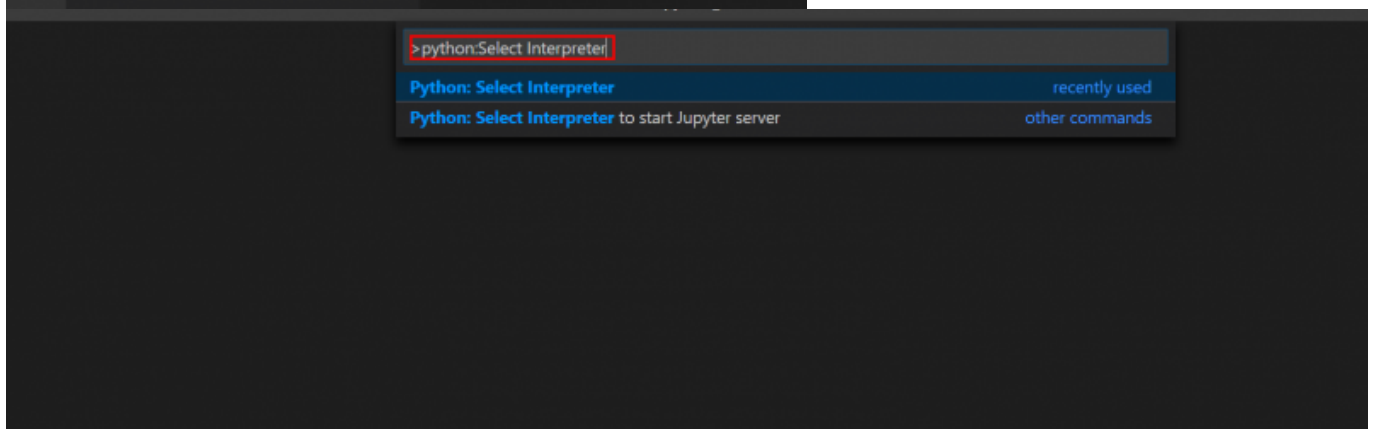
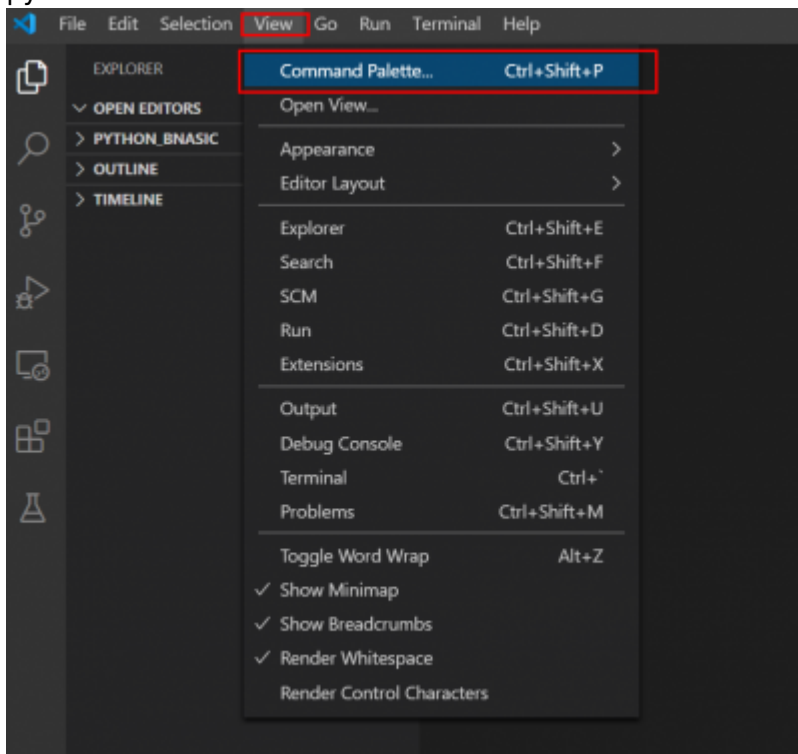
Reload가

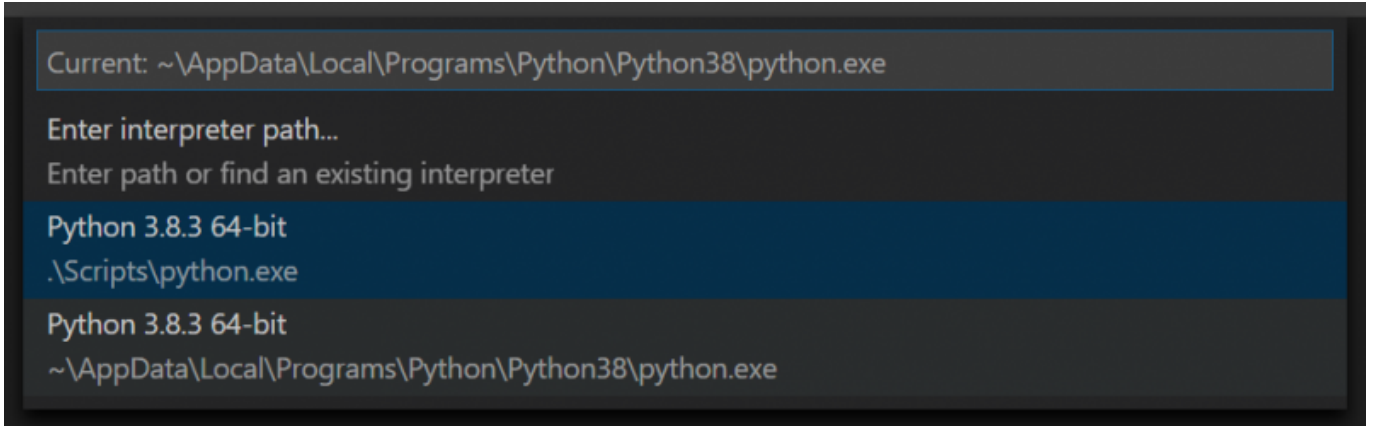
vsCode가

loading



python





view > Command Palette..
python>Select Interpreter

가 python

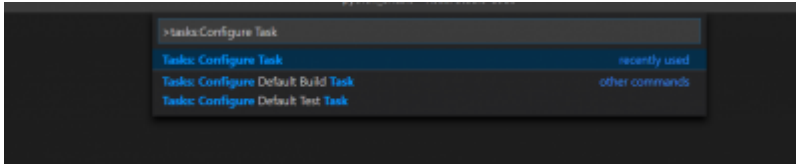
python 64-bit가

Tip : Add Path

vsCode - task runner

.py (python)
task runner

view > Command Palette..



Tasks:Configure Task
Create tasks.json file from template
Others

가 .vscode > task.json

```

{
  // See https://go.microsoft.com/fwlink/?LinkId=733558
  // for the documentation about the tasks.json format
  "version": "2.0.0",
  "tasks": [
    {
      "label": "Project Label",
      "type": "shell",
      "command": "python",
      "args": [
        "${file}"
      ],
      "presentation": {
        "reveal": "always",
        "panel": "new"
      }
    }
  ]
}
  
```

```

    },
    "options": {
      "env": {
        "PYTHONIOENCODING": "UTF-8"
      }
    },
    "group": {
      "kind": "build",
      "isDefault": true
    }
  }
]
}

```

Tip : console .py Ctrl + Shift + B
 가 .

Python 가

- 가
- 가

Python ()

- 1. Print
- 2. -
- 3.
- 4.
- 5.
- 6.
- 7. ()
- 8.
- 9.
- 10. ()
- 11. (lambda)
- 12. (Self, ,)
- 13. (,)
- 14.
- 15. ,
- 16.
- 17. Excel, CSV
- 18. (SQLite) -
- 19. (SQLite) -
- 20. (SQLite) -
- 21. ()
- 22. ()

Python Framework Django ()

Django ?

Django
framework)

(web application

vsCode Terminal

[Terminal](#)

Ref [Django ?](#)

virtualenv 가 project, app

1. File > Open Folder..

2. Terminal Folder 가

```
# virtualenv
D:\python\django>pip install virtualenv

# fcdjango_venv 가
D:\python\django>virtualenv fcdjango_venv

# fcdjango_venv 가 Script
D:\python\django>cd fcdjango_venv/Script

# activate 가
D:\python\django\fcdjango_venv\Script>activate

#
(fcdjango_venv) D:\python\django\fcdjango_venv\Scripts>cd ..
(fcdjango_venv) D:\python\django\fcdjango_venv>cd ..
(fcdjango_venv) D:\python\django>

# fc_community
(fcdjango_venv) D:\python\django>django-admin startproject fc_community

# fc_community
(fcdjango_venv) D:\python\django>cd fc_community

# board app
(fcdjango_venv) D:\python\django\fc_community>django-admin startapp board
```

Tip

2020.06.30

Troubleshooting

Ref

- 가 - () .
 , python

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