I. Summarized tools

II. Installed codes/libraries

III. Cisco anyconnect-Cisico VPN (aalto)

- enable vpn: `/opt/cisco/anyconnect/bin/vpnui`

  ### III. matlab (aalto)

- enable matlab: `/home/wyz/code_inst/matlab_R2023b_glnxa64-install-loc/bin/matlab`

III. Miniconda

- Miniconda shell envs

  - "/home/wyz/code_inst/anaconda3/condabin": just for execuative `conda` binary, stay atumatically in shell env (by automatic modification of ~/.bashrc)

  - "~/.conda"

  - "/home/wyz/code_inst/anaconda3/bin": only activated in shell env when type `conda activate`

    > One can check out by typing `python -c 'import sys; print(sys.path)'` in shell cmd line.

- Miniconda python3.10 envs

name	env
base	/home/wyz/code_inst/miniconda3
cda-picky-pynep-wizard	/home/wyz/code_inst/miniconda3/envs/cda-picky-pynep-wizard

III. Self-contained python

- Self-contained python3.11 shell env

  - "/usr/bin"

- Python env

name	env
pyvenv-common	~/venvpy/pyvenv-common

III. Available text/Code viewer/editor, etc

Function	usage	note
text/python editor	`subl file`	sublime-text
text editor	`gedit file`	gedit
image viewer	`eog xxx.png`	eye of gnome
image viewer	`dispaly xxx.png`	imagemagick
pdf viewer	`evince xxx.pdf`	evince
pdf viewer	`okular xxx.pdf`	--
pdf viewer	`masterpdfeditor5 xxx.pdf`	--
code editor	`code ./`	visual studio code
python editor	`spyder xxx.py`	spyder
ipynb editor	`jupyter-notebook xxx.ipynb`	jupyter-notebook
markdown editor	`ghostwriter file`	ghostwriter
office(ppt,word,excell)	`libreoffice xxx.odp`	libreoffice
vesta/VESTA	vesta x.vasp	--

II. Homemade function, alias and utility

III. function list

> PS: implemented in "~/.yasconf/yasfunclib.sh"

name	function	note
`dump2recycle`	dump waste to directory "~/recycle"	--
`ls-d`	list only directories	--
`ls-f`	list only non-directories	--
`transfer`	transfer file to https://transfer.sh	--

II. File transfer

- UPLOAD: `curl --upload-file xxx.tar.gz https//free.keep.sh`
- DOWNLOAD: `curl -L url/xxx.tar.gz -o xxx.tar.gz` (ps: -L option must be enabled, that is why `wget` doesn't work)

II. Miscellaneous

- About vim editor, I created on purpose "~/.vimrc" file for vim configuration.
- About kuaita VPN, executed bin: "~/code_inst/clash/cwf", `alias clash='cfw'`.