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1. I. Summarized tools

1.1. II. Installed codes/libraries

1.1.1. III. Cisco anyconnect-Cisico VPN (aalto)

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

1.1.2. III. matlab (aalto)

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

1.1.3. 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

1.1.4. III. Self-contained python

- Self-contained python3.11 shell env

- `"/usr/bin"`
- Python env

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

1.1.5. III. Available text/Code viewer/editor, etc

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

1.2. II. Homemade function, alias and utility

1.2.1. III. function list

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

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

1.3. 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)

1.4. 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='cwf'`.