Conda Environment

Conda Install

- $ conda install <package name>

- Installs package

- $ conda update <package name>

- Updates package

- $ conda remove <package name>

- Uninstalls package

Conda env lists

- $ conda env list
- Lists all conda environment
- $ conda info - -envs
- Shows all conda envs

Conda packages

- $ conda search --canonical | grep -v 'py\d\d'
- Lists all packages other than python
- $ conda list
- Lists all packages in current env

Conda Env create

- $ conda create - -name <env name>

- Creates a environment names <env name>

- $ conda create - -name project1 python = 3.6 pip numpy

- Creates env name project1, installs python 3.6 inside; installs pip and numpy module

Conda activate/ deactivate

- $ source activate <env_name>
- Activate <env_name>
- $ source deactivate
- Returns to root env
- conda activate cmp_vision

Conda env install Anaconda

- $ conda create - - name pr1 python = 3.6 anaconda

- Creates a env with Anaconda(full dist package)

Copy env/ Clone

- $ conda create - - name prj2 - -clone prj1
- Clones prj1 in prj2

Conda env remove

- $ conda remove - -name prj1 - -all
- Remove env name prj1

.bashrc Prepend

- PATH=/home/aman/miniconda3/bin:$PATH
- Add file to .bashrc
- $export PATH=~/miniconda3/bin:$PATH
- Write in shell to activate conda

Link

- https://conda.io/docs/user-guide/tasks/manage-environments.html#creating-an-environment-with-commands