

Bootstrap: docker
From: ubuntu:18.04

%files

%post

```
    apt -y update
    apt -y upgrade
    apt -y install wget nano build-essential zip unzip
    apt -y install libsm6 libxext6 libxrender-dev libglib2.0-0
libgl1-mesa-dev # For OpenCV
    apt -y install libturbojpeg
    apt -y install git

    wget
https://developer.download.nvidia.com/compute/cuda/repos/ubuntu1804/x86_6
4/cuda-ubuntu1804.pin
    mv cuda-ubuntu1804.pin /etc/apt/preferences.d/cuda-repository-pin-
600
    wget
https://developer.download.nvidia.com/compute/cuda/11.1.0/local_installer
s/cuda-repo-ubuntu1804-11-1-local_11.1.0-455.23.05-1_amd64.deb
    dpkg -i cuda-repo-ubuntu1804-11-1-local_11.1.0-455.23.05-
1_amd64.deb
    apt-key add /var/cuda-repo-ubuntu1804-11-1-local/7fa2af80.pub
    apt-get -y update
    DEBIAN_FRONTEND=noninteractive apt-get -y install cuda

    apt -y install python3.6 python3-pip

    python3 -m pip install --upgrade pip

    pip install torch==1.8.0+cu111 torchvision==0.9.0+cu111
torchaudio==0.8.0 -f https://download.pytorch.org/whl/torch_stable.html
    pip install opencv-python tb-nightly visdom scikit-image
tikzplotlib gdown
    pip install matplotlib pandas tqdm
    pip install cython scipy
    pip install PyTurboJPEG
    pip install pycocotools jpeg4py
    pip install wget yacs
    pip install shapely
    pip install einops
    pip install timm
    pip install git+https://github.com/votchallenge/vot-toolkit-
python
    pip install attributee==0.1.5
```

%environment

```
    export LC_ALL=C
```