

Download [activitynet_checkpoint 25gmac.pth](#)

```
conda create -n frameexit python=3.6
conda activate frameexit
```

```
conda install -c conda-forge boost
```

```
conda install -c conda-forge ffmpeg
```

```
module load tensorflow2-py36-cuda10.2-gcc8/
```

```
mkdir accelerator
```

```
cd accelerator
```

```
git clone https://github.com/Qualcomm-AI-research/FrameExit.git
git clone https://github.com/open-mmlab/mmdetection2.git
git clone https://github.com/gurkirt/preprocess-activityNet.git
```

```
conda install pytorch=1.3.1 torchvision=0.4.2 pillow pyyaml
pip install fire==0.3.1 pytorch-ignite==0.3.0
cd mmdetection2
```

```
python -m pip install -e .
```

```
cd tools/data/activitynet
```

```
bash download_annotations.sh
```

```
bash download_videos.sh
```

```
cd /home/{USR_ID}/accelerator/preprocess-activityNet
```

change BASEDIR in python-scripts/extractMP4toJPG-ffmpeg.py

line 14 and line 15

```
python python-scripts/extractMP4toJPG-ffmpeg.py
```

```
python3.6 inference.py config/activitynet_inference_2d.yml --
data.path_frame <path/to/activitynet/frames> --checkpoint.init
<path/to/activitynet/model>
```