

# Chainer (part 2)

# Chainer examples

## Setup:

```
> qssh -g tga-hpc-lecture -l q_node=1 -l h_rt=0:10:00  
> module load python-extension  
> git clone https://github.com/chainer/chainer  
> git checkout v2
```

## How to run:

```
> cd chainer/examples/mnist  
> python train_mnist.py  
> python train_mnist.py -g 0
```

## References:

<http://corochann.com/deep-learning-tutorial-with-chainer>

# ChainerMN

## Setup:

```
> pip install --user chainermn  
> git clone https://github.com/chainer/chainermn
```

## How to run:

```
> cd chainermn/examples/mnist  
> mpirun -np 4 python train_mnist.py  
> mpirun -np 4 python train_mnist.py -g 0
```

## References:

<http://chainermn.readthedocs.io/en/latest/tutorial/>