

# Large Scale NN Training

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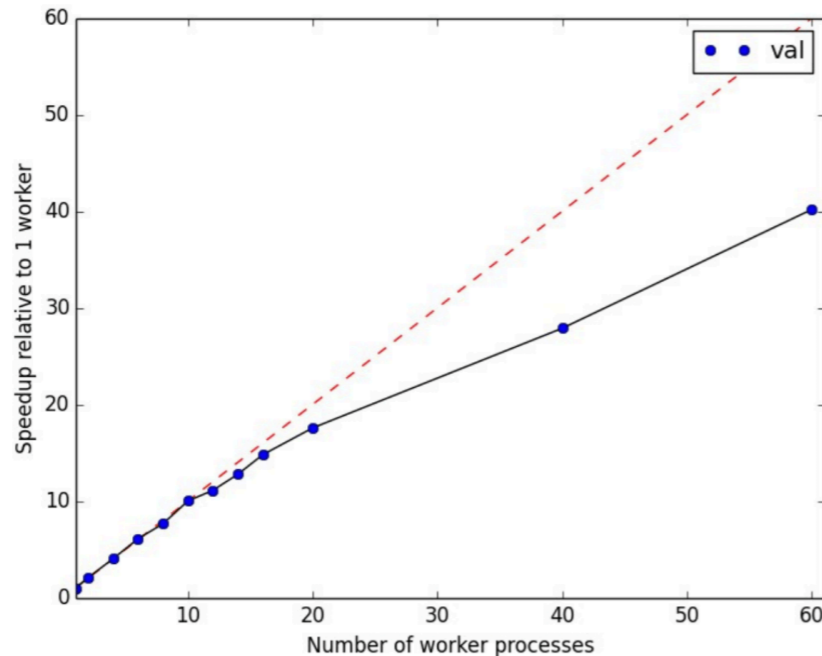
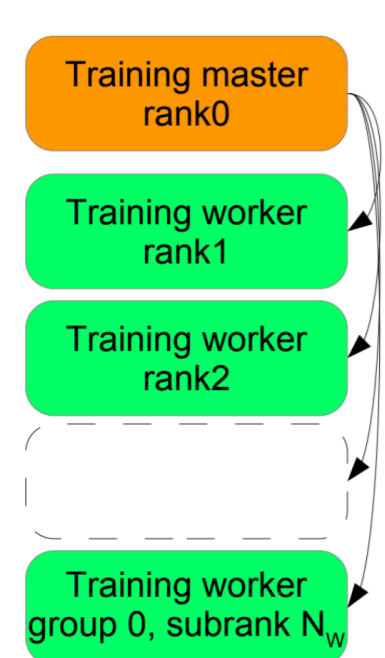
# What happened

## mpi-learn

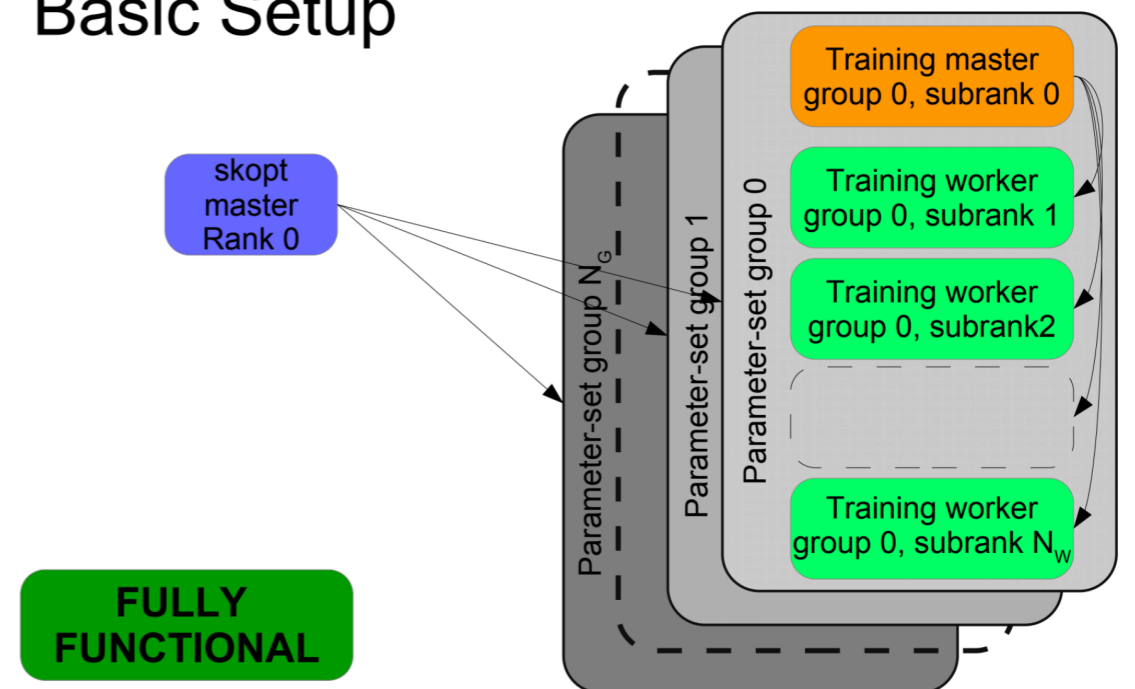
[https://github.com/duanders/mpi\\_learn](https://github.com/duanders/mpi_learn)  
<https://arxiv.org/abs/1712.05878>

## mpi-opt

[https://github.com/thongonary/mpi\\_opt](https://github.com/thongonary/mpi_opt)



## Basic Setup



✓ k-fold cross validation

✓ training sub-master

# What'll happen

(tomorrow)

- Pytorch integration
- Horovod integration (AllReduce)

all-reduce Setup

