

Large scale training and hyperparameter optimization

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Day 1: Work done

Code cleanup

- Sanitize output

- Use proper logging infrastructure (MPI-based)

- Improve usefulness of default tracing option

Investigated optimizing communication scheme

Day 2: Plan

Finish cleanup

Investigate alternate multi-master strategy

- Divide weight update among multiple masters

Expose k-fold cross-validation

- Functionality exists, but no visible to user