

Item 290

git_comments:

git_commits:

1. **summary:** batchnorm falls back for sparse arrays. (#11473)
message: batchnorm falls back for sparse arrays. (#11473) * batchnorm fall back. * add test * fix.

github_issues:

github_issues_comments:

github_pulls:

1. **title:** batchnorm falls back for sparse arrays.
body: ## Description ## When one of the inputs is a sparse array, BatchNorm should fall back, instead of calling MKLDNN BatchNorm. <https://github.com/apache/incubator-mxnet/issues/11448> ## Checklist ##
Essentials ### Please feel free to remove inapplicable items for your PR. - [] The PR title starts with [MXNET-\$JIRA_ID], where \$JIRA_ID refers to the relevant [JIRA issue] (<https://issues.apache.org/jira/projects/MXNET/issues>) created (except PRs with tiny changes) - [] Changes are complete (i.e. I finished coding on this PR) - [] All changes have test coverage: - Unit tests are added for small changes to verify correctness (e.g. adding a new operator) - Nightly tests are added for complicated/long-running ones (e.g. changing distributed kvstore) - Build tests will be added for build configuration changes (e.g. adding a new build option with NCCL) - [] Code is well-documented: - For user-facing API changes, API doc string has been updated. - For new C++ functions in header files, their functionalities and arguments are documented. - For new examples, README.md is added to explain the what the example does, the source of the dataset, expected performance on test set and reference to the original paper if applicable - Check the API doc at [http://mxnet-ci-doc.s3-accelerate.dualstack.amazonaws.com/PR-\\$PR_ID/\\$BUILD_ID/index.html](http://mxnet-ci-doc.s3-accelerate.dualstack.amazonaws.com/PR-$PR_ID/$BUILD_ID/index.html) - [] To the my best knowledge, examples are either not affected by this change, or have been fixed to be compatible with this change

github_pulls_comments:

1. @haojin2 @eric-haibin-lin @azai91
2. I think we do need some extra checks for this to verify that this works
3. @eric-haibin-lin any more comments with this PR?

github_pulls_reviews:

jira_issues:

jira_issues_comments: