

ONNX Training Workshop Update

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ONNX Training Working group history and status

Created in February 2019

Led by IBM, Webex meetings on Tuesdays at 10:30 am US Pacific time.

Gitter room for discussions, online folder for materials.

Exit criteria agreed on.

Chin Huang suggested possible use cases.

Wei-Sheng created a proposal, then updated it to allow GANs, will present.

Chin Huang created a test for ONNX→TF, we need more tests.

Plan for the workshop. Join us!

Intro by Svetlana (IBM)

Proposal by Wei-Sheng Chin (Microsoft)

Test report by Chin Huang (IBM)

General discussion (**All**)

Create 5-min summary for readout (**All**)

[Code](#)[Issues](#) 282[Pull requests](#) 73[Projects](#) 0[Wiki](#)[Security](#)[Insights](#)

ONNX Training Proposal #2013



Open

wschin wants to merge 16 commits into `onnx:master` from `wschin:training-info`[Conversation](#) 25[Commits](#) 16[Checks](#) 0[Files changed](#) 12

wschin commented on May 11 • edited ▾

Member



This proposal aims at capturing the information required to perform stochastic gradient-based training on the inference graph.

Although training itself can be encoded as a sub-graph by adding a single backward operator, we currently prefer a more strongly-typed way to store that information. We also think separating training graph from inference graph can make backends' life easier.

The major change happens in the introduction of TrainingInfoProto:

```
// Training information
```

Reviewers



chinhuang



gramaling



SIG-operat



yuanbyu



linkerzhan



bddppq



houseroad

At least 1 approval required to merge this pull request

Contact me to be invited to meetings

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