

ONNX Pre-processing WG

Monthly meeting - July 13, 2022

Agenda

- Progress on open issues/PRs
- Open floor

Status - Open issues/PRs

PRs:

Add Batch processing with SequenceMap tutorial

<https://github.com/onnx/tutorials/pull/265>

[In progress] Add Data preprocessing with ONNX: ResNet-50 example

<https://github.com/onnx/tutorials/pull/266>

[MERGED] Add Resize-18: Antialias filter, axes, and keep_aspect_ratio_policy

<https://github.com/onnx/onnx/pull/4126>

[MERGED] Introduce ai.onnx.image.CenterCropPad

<https://github.com/onnx/onnx/pull/4196>

Use RepeatedPtrField::Get instead of RepeatedPtrField::operator[], to be compatible with protobuf 3.0 API

<https://github.com/onnx/onnx/pull/4354>

Issues:

ONNX runtime function inlining:

[Closed] FunctionInliner should consider nested subgraphs when updating graph inputs/outputs

<https://github.com/microsoft/onnxruntime/issues/10471>

Local functions with subgraphs: GraphProto attribute inferencing error

<https://github.com/microsoft/onnxruntime/issues/10698>

Sequence support:

Can't constant fold SequenceEmpty node

<https://github.com/microsoft/onnxruntime/issues/11041>

Sequence initializers

<https://github.com/onnx/onnx/issues/4105>

Models:

[Closed] ResNet-50 network has hardcoded batch-size

<https://github.com/onnx/models/issues/200>

Open floor