

# ONNX Pre-processing WG

Monthly meeting - October 11, 2023

# Agenda

- Status
- ImageDecoder in ResNet - ONNX / ORT release plans
- Next steps
- Open floor

# Status

## PRs:

**[MERGED]** Affine grid generator operator - <https://github.com/onnx/onnx/pull/5225>

**[MERGED]** Image decoder operator - <https://github.com/onnx/onnx/pull/5294>

**[MERGED]** StringSplit operator - <https://github.com/onnx/onnx/pull/5371>

**[MERGED]** StringConcat Operator - <https://github.com/onnx/onnx/pull/5350>

**[MERGED]** Add RegexFullMatch operator - <https://github.com/onnx/onnx/pull/5401>

# ImageDecoder in ResNet - ONNX/ORT release plans

- ONNX 1.15 release - October 10
- ONNX Runtime supporting opset 20
  - 2 months after the ONNX release
  - Code freeze ~November
  - Release ~December
- <https://github.com/onnx/models/pull/627>
- Implementation
  - Opencv
  - Turbojpeg

# Next steps

- Enable preprocessing models for other domains
  - NLP (BERT?)
    - tokenizer
  - Medical (UNet-3D?) - Liqun Fu
  - Audio
- Moving work from [onnxruntime-extensions](#) into the standard

Open floor