Model Zoo + Tutorials SIG

ONNX Workshop, 04/09/20

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Formalized Charter

The Model Zoo and Tutorials SIG is responsible for the **comprehensive collection of state of the art ONNX models** from a variety of sources and making it easy for users to get started with ONNX and the ecosystem around it.

Concretely, this SIG has ownership over:

onnx/tutorials

onnx/models

tutorials located in onnx/onnx-docker

Instructive blog posts

Conference participation

Updates

SIG Mission Statement

Proposed Models – list of state-of-the-art models we want to add to the Model Zoo

Community Events – tracking upcoming ONNX events

Developing Model Zoo CI

- Moving all ONNX Models to Git LFS: onnx/models#271
- Enables a one line command to download all models: onnx/models#276

ONNX Docker containers (onnx/onnx-docker#40, onnx/onnx-docker#45)

- onnx-base: Use published ONNX package from PyPi with minimal dependencies.
- onnx-dev: Build ONNX from source with minimal dependencies.
- onnx-ecosystem: Jupyter notebook environment for getting started quickly with ONNX models, ONNX converters, and inference using ONNX Runtime.

On our horizons

Guidelines -- Model Zoo / Tutorial entry guidelines, standardized experience

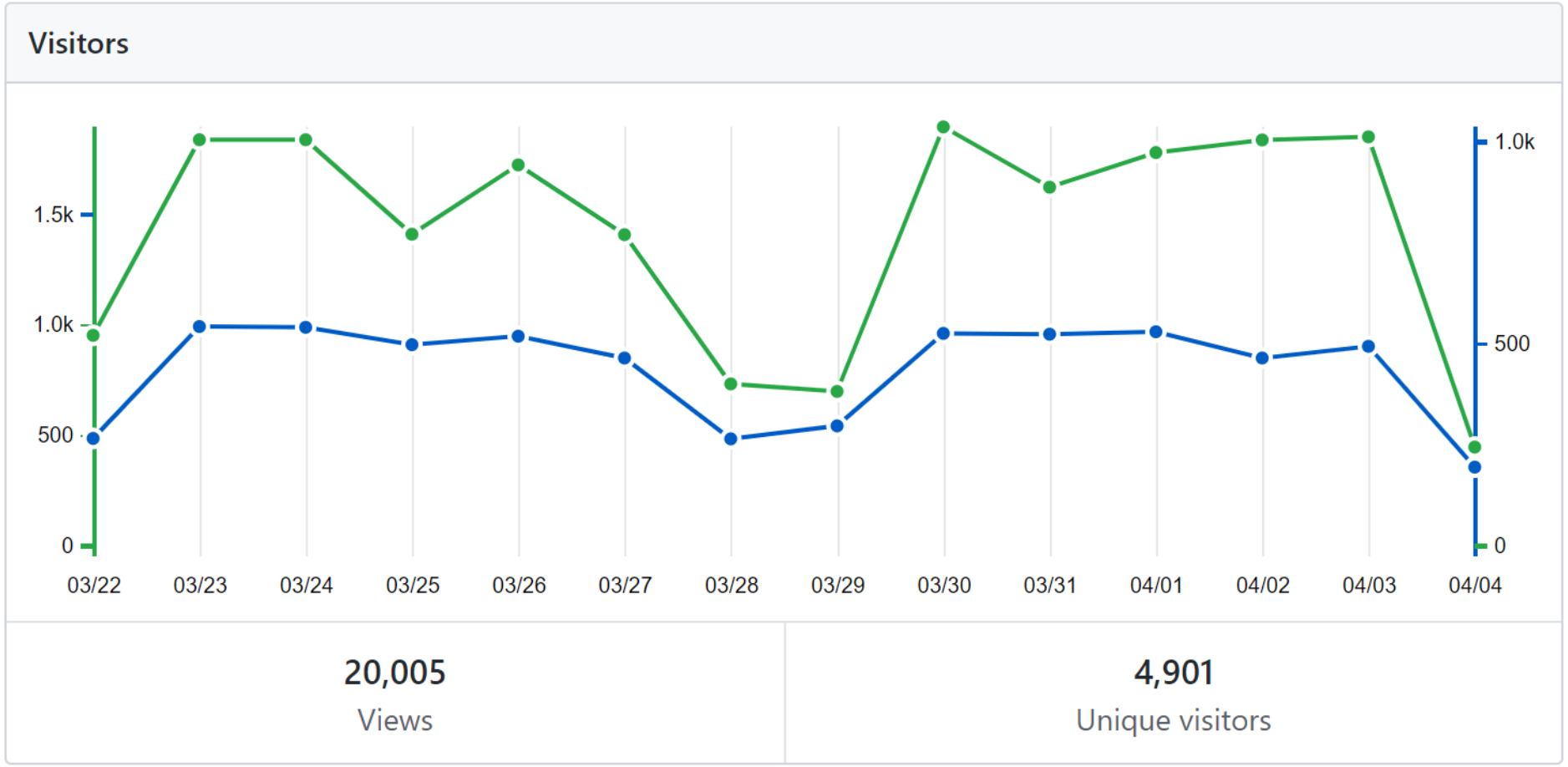
Discoverability -- exposing materials on the ONNX website

Analytics -- exploring various solutions to track Model Zoo Github usage

Participation -- ~10 members (Microsoft, IBM, nVidia), always looking for more

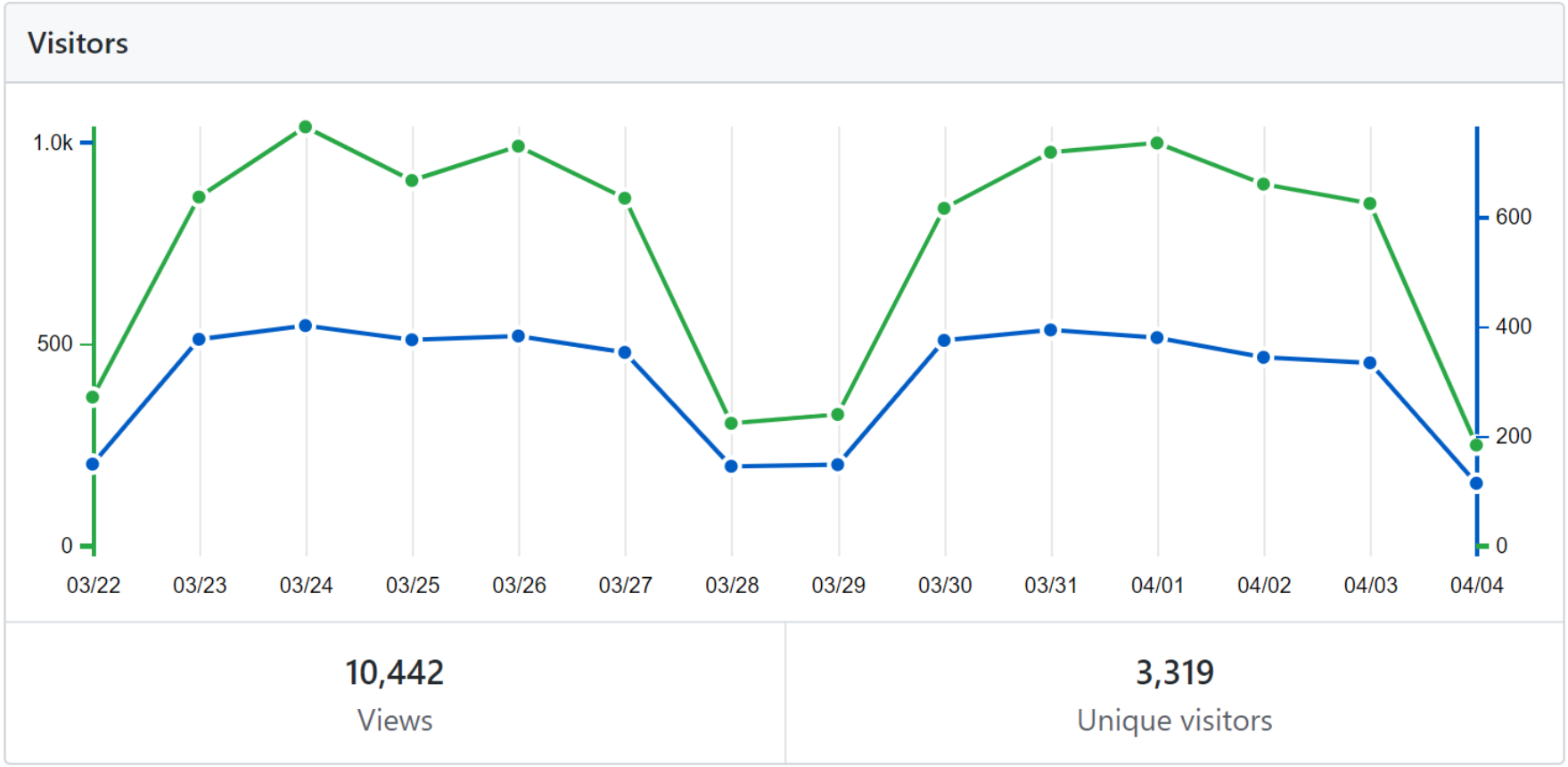
- First meeting was January 30, 2020

ONNX Model Zoo Traffic



103 clones in 2 weeks – ResNet, MobileNet, TinyYoloV2 are most popular pages

ONNX Tutorials Traffic



46 clones in 2 weeks – PyTorch, Tensorflow, MNIST, Model Visualization most popular

Join us!

Gitter: https://gitter.im/onnx/modelzoo

Github: onnx/sigs/models-tutorials

Next meeting: April 13th, 2020