Caffe2 implementation of Open Neural Network Exchange (ONNX)

Usage

- ONNX to Caffe2
- Caffe2 to ONNX
- other end-to-end tutorials

Installation

onnx-caffe2 is installed as a part of Caffe2. Please follow the instructions to install Caffe2.

Folder Structure

- ./: the main folder that all code lies under
    - frontend.py: translate from caffe2 model to onnx model
    - backend.py: execution engine that runs onnx on caffe2
- tests/: test files

Testing

onnx-caffe2 uses pytest as test driver. In order to run tests, first you need to install pytest:

```
pip install pytest-cov
```

After installing pytest, do

```
pytest
```

to run tests.

Testing coverage issues/status: https://github.com/caffe2/caffe2/blob/master/caffe2/python/onnx/ONNXOpCo

Development

During development it's convenient to install caffe2 in development mode:

```
cd /path/to/caffe2
pip install -e caffe2/
```

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