

# 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/ONNXOpCoverage.md>

## Development

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

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

## License

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