This directory contains the useful tools.

build_android.sh

This script is to build PyTorch/Caffe2 library for Android. Take the following steps to start the build:

- set ANDROID_NDK to the location of ndk

```
export ANDROID_NDK=YOUR_NDK_PATH
```

- run build_android.sh

```
#in your PyTorch root directory
bash scripts/build_android.sh
```

If succeeded, the libraries and headers would be generated to build_android/install directory. You can then copy these files from build_android/install to your Android project for further usage.

You can also override the cmake flags via command line, e.g., following command will also compile the executable binary files:

```
bash scripts/build_android.sh -DBUILD_BINARY=ON
```

build_ios.sh

This script is to build PyTorch/Caffe2 library for iOS, and can only be performed on macOS. Take the following steps to start the build:

- Install Xcode from App Store, and configure "Command Line Tools" properly on Xcode.
- Install the dependencies:

```
brew install cmake automake libtool
```

- run build_ios.sh

```
#in your PyTorch root directory
bash scripts/build_ios.sh
```

If succeeded, the libraries and headers would be generated to build_ios/install directory. You can then copy these files to your Xcode project for further usage.