

```
josepens-mbp:pytorch josepen$ MACOSX_DEPLOYMENT_TARGET=10.13 CC=clang CXX=clang++ python setup.py install
running install
running build_deps
+ USE_CUDA=0
+ USE_ROCM=0
+ USE_NNPack=0
+ USE_MKLDNN=0
+ USE_GLOO_IBVERBS=0
+ USE_DISTRIBUTED_MW=0
+ FULL_CAFFE2=0
+ [[ 6 -gt 0 ]]
+ case "$1" in
+ USE_CUDA=1
+ shift
+ [[ 5 -gt 0 ]]
+ case "$1" in
+ USE_NNPack=1
+ shift
+ [[ 4 -gt 0 ]]
+ case "$1" in
+ break
+ CMAKE_INSTALL='make install'
+ USER_CFLAGS=
+ USER_LDFLAGS=
+ [[ -n '' ]]
+ [[ -n '' ]]
+ [[ -n '' ]]
++ dirname tools/build_pytorch_libs.sh
+ cd tools/..
+++ pwd
++ printf '%q\n' /Users/josepen/Development/pytorch
+ PWD=/Users/josepen/Development/pytorch
+ BASE_DIR=/Users/josepen/Development/pytorch
+ TORCH_LIB_DIR=/Users/josepen/Development/pytorch/torch/lib
+ INSTALL_DIR=/Users/josepen/Development/pytorch/torch/lib/tmp_install
+ THIRD_PARTY_DIR=/Users/josepen/Development/pytorch/third_party
+ CMAKE_VERSION=cmake
+ C_FLAGS='-I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/TH" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THC" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THCS" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THNN" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THCUNN"'
+ C_FLAGS='-I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/TH" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THC" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THCS" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THNN" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THCUNN" -DOMPI_SKIP_MPICXX=1'
+ LDFLAGS='-L"/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib" '
+ LD_POSTFIX=.so
++ uname
+ [[ Darwin == \D\a\r\w\i\n ]]
+ LDFLAGS='-L"/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib" -Wl,-rpath,@loader_path'
+ LD_POSTFIX=.dylib
+ CPP_FLAGS='-std=c++11 '
+ GLOO_FLAGS=
+ THD_FLAGS=
+ NCCL_ROOT_DIR=/Users/josepen/Development/pytorch/torch/lib/tmp_install
+ [[ 1 -eq 1 ]]
+ GLOO_FLAGS='-DUSE_CUDA=1 -DNCCL_ROOT_DIR=/Users/josepen/Development/pytorch/torch/lib/tmp_install'
+ [[ 0 -eq 1 ]]
+ [[ 0 -eq 1 ]]
+ CWRAP_FILES='/Users/josepen/Development/pytorch/torch/lib/ATen/Declarations.cwrap;/Users/josepen/Development/pytorch/torch/lib/THNN/generic/THNN.h;/Users/josepen/Development/pytorch/torch/lib/THCUNN/generic/THCUNN.h;/Users/josepen/Development/pytorch/torch/lib/ATen/nn.yaml'
+ CUDA_NVCC_FLAGS='-I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/TH" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THC" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THS" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THCS" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THNN" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THCUNN" -DOMPI_SKIP_MPICXX=1'
+ [[ -z '' ]]
+ CUDA_DEVICE_DEBUG=0
+ '[' -z 8 ']'
+ BUILD_TYPE=Release
+ [[ -n '' ]]
+ [[ -n '' ]]
+ echo 'Building in Release mode'
Building in Release mode
+ mkdir -p torch/lib/tmp_install
+ for arg in "$@"
+ [[ caffe2 == \n\c\l ]]
+ [[ caffe2 == \g\l\o ]]
+ [[ caffe2 == \c\af\fe\2 ]]
+ pushd /Users/josepen/Development/pytorch
~/Development/pytorch ~/Development/pytorch
+ build_caffe2
+ mkdir -p build
+ pushd build
~/Development/pytorch/build ~/Development/pytorch ~/Development/pytorch
+ cmake .. -DCMAKE_BUILD_TYPE=Release -DBUILD_CAFFE2=0 -DBUILD_ATEN=ON -DBUILD_PYTHON=0 -DBUILD_BINARY=OFF -DBUILD_SHARED_LIBS=ON -DONNX_NAMESPACE=onnx_torch -DUSE_CUDA=1 -DUSE_ROCM=0 -DUSE_NNPack=1 -DCUDNN_INCLUDE_DIR=/usr/local/cuda/include -DCUDNN_LIB_DIR=/usr/local/cuda/lib -DCUDNN_LIBRARY=/usr/local/cuda/lib/libcudnn.7.dylib -DUSE_MKLDNN=0 -DMKLDNN_INCLUDE_DIR= -DMKLDNN_LIB_DIR= -DMKLDNN_LIBRARY= -DCMAKE_INSTALL_PREFIX=/Users/josepen/Development/pytorch/torch/lib/tmp_install -DCMAKE_EXPORT_COMPILE_COMMANDS=1 -DCMAKE_C_FLAGS= -DCMAKE_CXX_FLAGS= -DCMAKE_EXE_LINKER_FLAGS= -DCMAKE_SHARED_LINKER_FLAGS=
-- CLANG_VERSION_STRING: clang version 4.0.1 (tags/RELEASE_401/final)
Target: x86_64-apple-darwin17.6.0
Thread mode: posix
```

```
InstalledDir: /Users/josepen/anaconda3/bin
-- Need to define long as a separate typeid.
-- std::exception_ptr is supported.
-- NUMA is not available
-- Turning off deprecation warning due to glog.
-- Current compiler supports avx2 extention. Will build perfkernels.
-- Building using own protobuf under third_party per request.
-- Use custom protobuf build.
-- Caffe2 protobuf include directory: $<BUILD_INTERFACE:/Users/josepen/Development/pytorch/third_party/protobuf/src>$<INSTALL_INTERFACE:include>
-- The BLAS backend of choice:MKL
-- Checking for [mkl_intel_lp64 - mkl_intel_thread - mkl_core - iomp5 - pthread - m]
-- Library mkl_intel_lp64: /Users/josepen/anaconda3/lib/libmkl_intel_lp64.dylib
-- Library mkl_intel_thread: /Users/josepen/anaconda3/lib/libmkl_intel_thread.dylib
-- Library mkl_core: /Users/josepen/anaconda3/lib/libmkl_core.dylib
-- Library iomp5: /Users/josepen/anaconda3/lib/libiomp5.dylib
-- Library pthread: /usr/lib/libpthread.dylib
-- Library m: /usr/lib/libm.dylib
-- Brace yourself, we are building NNPACK
CMake Warning at cmake/Dependencies.cmake:310 (find_package):
By not providing "FindEigen3.cmake" in CMAKE_MODULE_PATH this project has
asked CMake to find a package configuration file provided by "Eigen3", but
CMake did not find one.

Could not find a package configuration file provided by "Eigen3" with any
of the following names:

  Eigen3Config.cmake
  eigen3-config.cmake

Add the installation prefix of "Eigen3" to CMAKE_PREFIX_PATH or set
"Eigen3_DIR" to a directory containing one of the above files. If "Eigen3"
provides a separate development package or SDK, be sure it has been
installed.
Call Stack (most recent call first):
  CMakeLists.txt:181 (include)

-- Did not find system Eigen. Using third party subdirectory.
-- Could NOT find pybind11 (missing: pybind11_INCLUDE_DIR)
-- Found CUDA: /usr/local/cuda (found suitable version "9.2", minimum required is "7.0")
-- Caffe2: CUDA detected: 9.2
-- Caffe2: CUDA nvcc is: /usr/local/cuda/bin/nvcc
-- Caffe2: CUDA toolkit directory: /usr/local/cuda
-- Caffe2: Header version is: 9.2
-- Found CUDNN: /usr/local/cuda/include
-- Found cudNN: v7.1.4 (include: /usr/local/cuda/include, library: /usr/local/cuda/lib/libcudnn.7.dylib)
-- Autodetected CUDA architecture(s): 3.0
-- Added CUDA NVCC flags for: -gencode;arch=compute_30,code=sm_30
-- Could NOT find CUB (missing: CUB_INCLUDE_DIR)
-- Found CUDA with FP16 support, compiling with torch.cuda.HalfTensor
-- Removing -DNDEBUG from compile flags
-- MAGMA not found. Compiling without MAGMA support
-- Could not find hardware support for NEON on this machine.
-- No OMAP3 processor on this machine.
-- No OMAP4 processor on this machine.
-- SSE2 Found
-- SSE3 Found
-- AVX Found
-- AVX2 Found
-- Atomics: using GCC intrinsics
-- Found a library with BLAS API (mkl).
-- Found a library with LAPACK API. (mkl)
-- Found CUDA: /usr/local/cuda (found suitable version "9.2", minimum required is "5.5")
-- Could NOT find MKLDNN (missing: MKLDNN_INCLUDE_DIR MKLDNN_LIBRARY)
-- MKLDNN not found. Compiling without MKLDNN support
-- Using python found in /Users/josepen/anaconda3/bin/python
-- Could NOT find OpenMP_C (missing: OpenMP_C_FLAGS OpenMP_C_LIB_NAMES)
-- Could NOT find OpenMP_CXX (missing: OpenMP_CXX_FLAGS OpenMP_CXX_LIB_NAMES)
-- Could NOT find OpenMP (missing: OpenMP_C_FOUND OpenMP_CXX_FOUND)
-- Configuring build for SLEEF-v3.2
Target system: Darwin-17.6.0
Target processor: x86_64
Host system: Darwin-17.6.0
Host processor: x86_64
Detected C compiler: Clang @ /Users/josepen/anaconda3/bin/clang
-- Using option '-Wall -Wno-unused -Wno-attributes -Wno-unused-result -ffp-contract=off -fno-math-errno -fno-trapping-math' to compile libsleef
-- Building shared libs : OFF
-- MPFR : /Users/josepen/anaconda3/lib/libmpfr.dylib
-- MPFR header file in /Users/josepen/anaconda3/include
-- GMP : /Users/josepen/anaconda3/lib/libgmp.dylib
-- RUNNING_ON_TRAVIS : 0
-- COMPILER_SUPPORTS_OPENMP :
CMake Warning at CMakeLists.txt:341 (message):
Generated cmake files are only fully tested if one builds with system glog,
gflags, and protobuf. Other settings may generate files that are not well
tested.
```

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--
-- ***** Summary *****
-- General:
-- CMake version      : 3.11.1
-- CMake command     : /Users/josepen/anaconda3/bin/cmake
-- Git version       :
-- System            : Darwin
-- C++ compiler      : /Users/josepen/anaconda3/bin/clang++
-- C++ compiler version : 4.0.1
-- BLAS               : MKL
-- CXX flags         : -msse4.2 --std=c++11 -Wno-deprecated -fvisibility-inlines-hidden -Wno-deprecated-declarations -DONNX_NAMESPACE=onnx_torch -O2 -fPIC -Wno-narrowing -Wall -Wextra -Wno-missing-field-initializers -Wno-type-limits -Wno-unknown-pragmas -Wno-sign-compare -Wno-unused-parameter -Wno-unused-variable -Wno-unused-function -Wno-unused-result -Wno-error=deprecated-declarations -Wno-invalid-partial-specialization -Wno-unknown-warning-option -Wno-unused-private-field -Wno-inconsistent-missing-override -Wno-aligned-allocation-unavailable
-- Build type        : Release
-- Compile definitions : USE_GCC_ATOMICS=1;TH_BLAS_MKL;HAVE_MMAP=1;_FILE_OFFSET_BITS=64;HAVE_SHM_OPEN=1;HAVE_SHM_UNLINK=1
-- CMAKE_PREFIX_PATH :
-- CMAKE_INSTALL_PREFIX : /Users/josepen/Development/pytorch/torch/lib/tmp_install
--
-- BUILD_CAFFE2      : 0
-- BUILD_ATEN        : ON
-- BUILD_BINARY      : OFF
-- BUILD_CUSTOM_PROTOBUF : ON
--   Link local protobuf : ON
-- BUILD_PYTHON      : 0
-- BUILD_SHARED_LIBS : ON
-- BUILD_TEST        : OFF
-- USE_ASAN           : OFF
-- USE_ATEN           : OFF
-- USE_CUDA           : 1
--   CUDA static link  : OFF
--   USE_CUDNN         : OFF
--   CUDA version     : 9.2
--   CUDA root directory : /usr/local/cuda
--   CUDA library      : /usr/local/cuda/lib/libcuda.dylib
--   cudart library    : /usr/local/cuda/lib/libcudart_static.a;-Wl,-rpath,/usr/local/cuda/lib
--   cublas library    : /usr/local/cuda/lib/libcublas.dylib;/usr/local/cuda/lib/libcublas_device.a
--   cufft library     : /usr/local/cuda/lib/libcufft.dylib
--   curand library    : /usr/local/cuda/lib/libcurand.dylib
--   nvrtc             : /usr/local/cuda/lib/libnvrtc.dylib
--   CUDA include path : /usr/local/cuda/include
--   NVCC executable   : /usr/local/cuda/bin/nvcc
--   CUDA host compiler : /Users/josepen/anaconda3/bin/clang
--   USE_TENSORRT      : OFF
-- USE_ROCM           : OFF
-- USE_EIGEN_FOR_BLAS :
-- USE_FFPEG          : OFF
-- USE_GFLAGS         : OFF
-- USE_GLOG           : OFF
-- USE_GLOO           : OFF
-- USE_LEVELDB        : OFF
-- USE_LITE_PROTO     : OFF
-- USE_LMDB           : OFF
-- USE_METAL          : OFF
-- USE_MKL            :
-- USE_MOBILE_OPENGL  : OFF
-- USE_MPI            : OFF
-- USE_NCCL           : OFF
-- USE_NERVANA_GPU    : OFF
-- USE_NNPACK         : 1
-- USE_OBSERVERS      : OFF
-- USE_OPENCL         : OFF
-- USE_OPENCV         : OFF
-- USE_OPENMP         : OFF
-- USE_PROF           : OFF
-- USE_REDIS          : OFF
-- USE_ROCKSDB        : OFF
-- USE_ZMQ            : OFF
-- USE_DISTRIBUTED    : OFF
-- Public Dependencies : /Users/josepen/anaconda3/lib/libmkl_intel_lp64.dylib;/Users/josepen/anaconda3/lib/libmkl_intel_thread.dylib;/Users/josepen/anaconda3/lib/libmkl_core.dylib;/Users/josepen/anaconda3/lib/libiomp5.dylib;/usr/lib/libpthread.dylib;/usr/lib/libm.dylib
-- Private Dependencies : nnpack;cpuinfo
-- Configuring done
-- Generating done
CMake Warning:
  Manually-specified variables were not used by the project:

   CUDNN_LIB_DIR

-- Build files have been written to: /Users/josepen/Development/pytorch/build
+ make install -j8
[ 1%] Built target onnxifi_loader
[ 1%] Built target pthreadpool
[ 1%] Built target js_embed
[ 2%] Built target c10
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[ 2%] Built target common
[ 4%] Built target cpuinfo
[ 8%] Built target libprotobuf-lite
[ 8%] Built target mkdisp
[ 9%] Built target mkrename
[ 9%] Built target mkmasked_gnuabi
[ 9%] Built target ATEN_CUDA_FILES_GEN_TARGET
[ 9%] Built target ATEN_CPU_FILES_GEN_TARGET
[ 9%] Built target mkalias
[ 9%] Built target mkrename_gnuabi
[10%] Built target arraymap
[11%] Built target nnpack_reference_layers
[12%] Built target headers
[16%] Built target nnpack
[16%] Built target renamedsp256.h_generated
[16%] Built target renameSSE2.h_generated
[16%] Built target dispavx.c_generated
[27%] Built target libprotobuf
[27%] Built target renameAVX.h_generated
[27%] Built target renameFMA4.h_generated
[27%] Built target renameSSE4.h_generated
[27%] Built target renameAVX2128.h_generated
[27%] Built target renameAVX2.h_generated
[28%] Built target dispssse.c_generated
[28%] Built target renamedsp128.h_generated
[29%] Built target renameAVX512F.h_generated
[29%] Generating alias_avx512f.h
[29%] Built target caffe2_protos
[29%] Built target dispavx_obj
[30%] Built target sleefsse2
[31%] Built target sleefavx
[31%] Built target sleeffma4
[31%] Built target sleefsse4
[31%] Built target alias_avx512f.h_generated
[32%] Built target sleefavx2128
[32%] Built target sleefavx2
[32%] Built target dispssse_obj
[32%] Built target sleefavx512f
[32%] Built target sleef
[45%] Built target libprotoc
[45%] Built target protoc
[46%] Built target gen_onnx_proto
[47%] Built target onnx_proto
[50%] Built target onnx
[66%] Built target caffe2
[66%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/caffe2_gpu_generated_THCReduceApplyUtils.cu.o
[66%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/caffe2_gpu_generated_THCSleep.cu.o
[66%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/caffe2_gpu_generated_THCBias.cu.o
[66%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/caffe2_gpu_generated_THCStorage.cu.o
[67%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/caffe2_gpu_generated_THCTensorCopy.cu.o
[67%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/caffe2_gpu_generated_THCTensor.cu.o
[67%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/caffe2_gpu_generated_THCTensorMath.cu.o
[67%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/caffe2_gpu_generated_THCStorageCopy.cu.o
[67%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/caffe2_gpu_generated_THCTensorMathBias.cu.o
[67%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/caffe2_gpu_generated_THCTensorMathMagma.cu.o
[67%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/caffe2_gpu_generated_THCTensorMathPairwise.cu.o
[67%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/caffe2_gpu_generated_THCTensorMathReduce.cu.o
[68%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/caffe2_gpu_generated_THCTensorMathScan.cu.o
[68%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/caffe2_gpu_generated_THCTensorIndex.cu.o
[68%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/caffe2_gpu_generated_THCTensorRandom.cu.o
[68%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/caffe2_gpu_generated_THCTensorScatterGather.cu.o
[68%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/caffe2_gpu_generated_THCTensorTopK.cu.o
[68%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/caffe2_gpu_generated_THCTensorSort.cu.o
[68%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/caffe2_gpu_generated_THCSortUtils.cu.o
[69%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/caffe2_gpu_generated_THCTensorMode.cu.o
[69%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/generated/caffe2_gpu_generated_THCTensorSortByte.cu.o
[69%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/generated/caffe2_gpu_generated_THCTensorMathCompareTByte.cu.o
[69%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/generated/caffe2_gpu_generated_THCTensorMathPointwiseByte.cu.o
[69%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/generated/caffe2_gpu_generated_THCTensorMathCompareByte.cu.o
[69%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/generated/caffe2_gpu_generated_THCTensorMathReduceByte.cu.o
[69%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/generated/caffe2_gpu_generated_THCTensorMaskedByte.cu.o
[69%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/generated/caffe2_gpu_generated_THCTensorSortChar.cu.o
[70%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/generated/caffe2_gpu_generated_THCTensorMathCompareTChar.cu.o
[70%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/generated/caffe2_gpu_generated_THCTensorMathPointwiseChar.cu.o
[70%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/generated/caffe2_gpu_generated_THCTensorMathCompareChar.cu.o
[70%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/generated/caffe2_gpu_generated_THCTensorMathReduceChar.cu.o
[70%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/generated/caffe2_gpu_generated_THCTensorMaskedChar.cu.o
[70%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/generated/caffe2_gpu_generated_THCTensorSortShort.cu.o
[70%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/generated/caffe2_gpu_generated_THCTensorMathCompareTShort.cu.o
[71%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/generated/caffe2_gpu_generated_THCTensorMathPointwiseShort.cu.o
[71%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/generated/caffe2_gpu_generated_THCTensorMathCompareShort.cu.o
[71%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/generated/caffe2_gpu_generated_THCTensorMathReduceShort.cu.o
[71%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/generated/caffe2_gpu_generated_THCTensorMaskedShort.cu.o
[71%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/generated/caffe2_gpu_generated_THCTensorSortInt.cu.o
[71%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/generated/caffe2_gpu_generated_THCTensorMathCompareTInt.cu.o
[71%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/generated/caffe2_gpu_generated_THCTensorMathPointwiseInt.cu.o
[71%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/_aten/src/THC/generated/caffe2_gpu_generated_THCTensorMathCompareInt.cu.o
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[ 83%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/THCUNN/caffe2_gpu_generated_TemporalUpSamplingLinear.cu.o
[ 83%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/THCUNN/caffe2_gpu_generated_TemporalUpSamplingNearest.cu.o
[ 84%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/THCUNN/caffe2_gpu_generated_Threshold.cu.o
[ 84%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/THCUNN/caffe2_gpu_generated_VolumetricAdaptiveAveragePooling.cu.o
[ 84%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/THCUNN/caffe2_gpu_generated_VolumetricAdaptiveMaxPooling.cu.o
[ 84%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/THCUNN/caffe2_gpu_generated_VolumetricAveragePooling.cu.o
[ 84%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/THCUNN/caffe2_gpu_generated_VolumetricConvolution.cu.o
[ 84%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/THCUNN/caffe2_gpu_generated_VolumetricDilatedConvolution.cu.o
[ 84%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/THCUNN/caffe2_gpu_generated_VolumetricDilatedMaxPooling.cu.o
[ 84%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/THCUNN/caffe2_gpu_generated_VolumetricFractionalMaxPooling.cu.o
[ 85%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/THCUNN/caffe2_gpu_generated_VolumetricFullConvolution.cu.o
[ 85%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/THCUNN/caffe2_gpu_generated_VolumetricFullDilatedConvolution.cu.o
[ 85%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/THCUNN/caffe2_gpu_generated_VolumetricGridSamplerBilinear.cu.o
[ 85%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/THCUNN/caffe2_gpu_generated_VolumetricMaxPooling.cu.o
[ 85%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/THCUNN/caffe2_gpu_generated_VolumetricMaxUnpooling.cu.o
[ 85%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/THCUNN/caffe2_gpu_generated_VolumetricReplicationPadding.cu.o
[ 85%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/THCUNN/caffe2_gpu_generated_VolumetricUpSamplingNearest.cu.o
[ 86%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/THCUNN/caffe2_gpu_generated_VolumetricUpSamplingTrilinear.cu.o
[ 86%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/ATen/cuda/caffe2_gpu_generated_CUDAHalf.cu.o
[ 86%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/ATen/cuda/detail/caffe2_gpu_generated_IndexUtils.cu.o
[ 86%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/ATen/native/cuda/caffe2_gpu_generated_Activation.cu.o
[ 86%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/ATen/native/cuda/caffe2_gpu_generated_Distributions.cu.o
[ 86%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/ATen/native/cuda/caffe2_gpu_generated_Embedding.cu.o
[ 86%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/ATen/native/cuda/caffe2_gpu_generated_EmbeddingBag.cu.o
[ 87%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/ATen/native/cuda/caffe2_gpu_generated_Gesv.cu.o
[ 87%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/ATen/native/cuda/caffe2_gpu_generated_RoiPooling.cu.o
[ 87%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/ATen/native/cuda/caffe2_gpu_generated_SoftMax.cu.o
[ 87%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/ATen/native/cuda/caffe2_gpu_generated_SparseMM.cu.o
[ 87%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/ATen/native/cuda/caffe2_gpu_generated_SpectralOps.cu.o
[ 87%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/ATen/native/cuda/caffe2_gpu_generated_SummaryOps.cu.o
[ 87%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/ATen/native/cuda/caffe2_gpu_generated_TensorCompare.cu.o
[ 87%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/ATen/native/cuda/caffe2_gpu_generated_TensorFactories.cu.o
[ 88%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/ATen/native/cuda/caffe2_gpu_generated_TensorTransformations.cu.o
[ 88%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/ATen/native/cuda/caffe2_gpu_generated_Unique.cu.o
[ 88%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/ATen/native/cuda/caffe2_gpu_generated_SparseCUDABlas.cu.o
/Users/josepen/Development/pytorch/aten/src/ATen/native/cuda/SummaryOps.cu:222:134: warning: self-comparison always evaluates to true [-Wtautological-compare]
switch (memType) { case CUDAHistogramMemoryType::SHARED: ( __cudaPushCallConfiguration(grid, block, (CUDAHistogramMemoryType::SHARED == CUDAHistogramMemoryType::SHARED) ? sharedMem : (0), at::globalContext().getCurrentCUDAStream())) ?
(void)0 : kernelHistogram1D< output_t, input_t, int64_t, 1, 2, 1, CUDAHistogramMemoryType::SHARED> (aInfo, pInfo, bInfo, binsize, totalElements, getWeightsOp); if (!((cudaGetLastError() == (cudaSuccess)))) { throw Error(__func__, "/
Users/josepen/Development/pytorch/aten/src/ATen/native/cuda/SummaryOps.cu", 222), at::str(at::str("cudaGetLastError() == cudaSuccess", " ASSERT FAILED at ", "/Users/josepen/Development/pytorch/aten/src/ATen/native/cuda/SummaryOps.cu",
":", 222, ", please report a bug to PyTorch. ", "kernelHistogram1D failed"))); } ; ; break; case CUDAHistogramMemoryType::MULTI_BLOCK: ( __cudaPushCallConfiguration(grid, block, (CUDAHistogramMemoryType::MULTI_BLOCK ==
CUDAHistogramMemoryType::SHARED) ? sharedMem : (0), at::globalContext().getCurrentCUDAStream())) ? (void)0 : kernelHistogram1D< output_t, input_t, int64_t, 1, 2, 1, CUDAHistogramMemoryType::MULTI_BLOCK> (aInfo, pInfo, bInfo, binsize,
totalElements, getWeightsOp); if (!((cudaGetLastError() == (cudaSuccess)))) { throw Error(__func__, "/Users/josepen/Development/pytorch/aten/src/ATen/native/cuda/SummaryOps.cu", 222), at::str(at::str("cudaGetLastError() == cudaSuccess",
" ASSERT FAILED at ", "/Users/josepen/Development/pytorch/aten/src/ATen/native/cuda/SummaryOps.cu", ":", 222, ", please report a bug to PyTorch. ", "kernelHistogram1D failed"))); } ; ; break; default: ( __cudaPushCallConfiguration(grid,
block, (CUDAHistogramMemoryType::GLOBAL == CUDAHistogramMemoryType::SHARED) ? sharedMem : (0), at::globalContext().getCurrentCUDAStream())) ? (void)0 : kernelHistogram1D< output_t, input_t, int64_t, 1, 2, 1,
CUDAHistogramMemoryType::GLOBAL> (aInfo, pInfo, bInfo, binsize, totalElements, getWeightsOp); if (!((cudaGetLastError() == (cudaSuccess)))) { throw Error(__func__, "/Users/josepen/Development/pytorch/aten/src/ATen/native/cuda/
SummaryOps.cu", 222), at::str(at::str("cudaGetLastError() == cudaSuccess", " ASSERT FAILED at ", "/Users/josepen/Development/pytorch/aten/src/ATen/native/cuda/SummaryOps.cu", ":", 222, ", please report a bug to PyTorch. ",
"kernelHistogram1D failed"))); } ; ; }
^
/Users/josepen/Development/pytorch/aten/src/ATen/native/cuda/SummaryOps.cu:225:134: warning: self-comparison always evaluates to true [-Wtautological-compare]
switch (memType) { case CUDAHistogramMemoryType::SHARED: ( __cudaPushCallConfiguration(grid, block, (CUDAHistogramMemoryType::SHARED == CUDAHistogramMemoryType::SHARED) ? sharedMem : (0), at::globalContext().getCurrentCUDAStream())) ?
(void)0 : kernelHistogram1D< output_t, input_t, int64_t, 1, 2, 1, CUDAHistogramMemoryType::SHARED> (aInfo, pInfo, bInfo, binsize, totalElements, getDummyOp); if (!((cudaGetLastError() == (cudaSuccess)))) { throw Error(__func__, "/Users/
josepen/Development/pytorch/aten/src/ATen/native/cuda/SummaryOps.cu", 225), at::str(at::str("cudaGetLastError() == cudaSuccess", " ASSERT FAILED at ", "/Users/josepen/Development/pytorch/aten/src/ATen/native/cuda/SummaryOps.cu", ":", 225,
", please report a bug to PyTorch. ", "kernelHistogram1D failed"))); } ; ; break; case CUDAHistogramMemoryType::MULTI_BLOCK: ( __cudaPushCallConfiguration(grid, block, (CUDAHistogramMemoryType::MULTI_BLOCK ==
CUDAHistogramMemoryType::SHARED) ? sharedMem : (0), at::globalContext().getCurrentCUDAStream())) ? (void)0 : kernelHistogram1D< output_t, input_t, int64_t, 1, 2, 1, CUDAHistogramMemoryType::MULTI_BLOCK> (aInfo, pInfo, bInfo, binsize,
totalElements, getDummyOp); if (!((cudaGetLastError() == (cudaSuccess)))) { throw Error(__func__, "/Users/josepen/Development/pytorch/aten/src/ATen/native/cuda/SummaryOps.cu", 225), at::str(at::str("cudaGetLastError() == cudaSuccess",
" ASSERT FAILED at ", "/Users/josepen/Development/pytorch/aten/src/ATen/native/cuda/SummaryOps.cu", ":", 225, ", please report a bug to PyTorch. ", "kernelHistogram1D failed"))); } ; ; break; default: ( __cudaPushCallConfiguration(grid,
block, (CUDAHistogramMemoryType::GLOBAL == CUDAHistogramMemoryType::SHARED) ? sharedMem : (0), at::globalContext().getCurrentCUDAStream())) ? (void)0 : kernelHistogram1D< output_t, input_t, int64_t, 1, 2, 1,
CUDAHistogramMemoryType::GLOBAL> (aInfo, pInfo, bInfo, binsize, totalElements, getDummyOp); if (!((cudaGetLastError() == (cudaSuccess)))) { throw Error(__func__, "/Users/josepen/Development/pytorch/aten/src/ATen/native/cuda/
SummaryOps.cu", 225), at::str(at::str("cudaGetLastError() == cudaSuccess", " ASSERT FAILED at ", "/Users/josepen/Development/pytorch/aten/src/ATen/native/cuda/SummaryOps.cu", ":", 225, ", please report a bug to PyTorch. ",
"kernelHistogram1D failed"))); } ; ; }
^
[ 88%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/ATen/native/sparse/cuda/caffe2_gpu_generated_SparseCUDATensor.cu.o
[ 88%] Building NVCC (Device) object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/ATen/native/sparse/cuda/caffe2_gpu_generated_SparseCUDATensorMath.cu.o
2 warnings generated.
Scanning dependencies of target caffe2_gpu
[ 88%] Building CXX object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/ATen/native/cudnn/RNN.cpp.o
[ 88%] Building CXX object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/ATen/native/cudnn/GridSampler.cpp.o
[ 89%] Building CXX object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/ATen/native/cudnn/AffineGridGenerator.cpp.o
[ 89%] Building CXX object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/ATen/cuda/detail/CUDAHooks.cpp.o
[ 89%] Building CXX object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/ATen/native/cudnn/BatchNorm.cpp.o
[ 89%] Building CXX object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/ATen/native/cudnn/Conv.cpp.o
[ 89%] Building CXX object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/ATen/cudnn/Descriptors.cpp.o
[ 90%] Building CXX object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/ATen/cudnn/Handles.cpp.o
[ 90%] Building CXX object caffe2/CMakeFiles/caffe2_gpu.dir/__/aten/src/ATen/cudnn/Types.cpp.o
/Users/josepen/Development/pytorch/aten/src/ATen/native/cudnn/RNN.cpp:991:245: warning: suggest braces around initialization of subobject [-Wmissing-braces]
std::tie(dx, dhx, dcx) = at::native::cudnn_rnn_backward_input(input, weight_buf, hx, cx, output, grad_output, grad_hy, grad_cy, mode, hidden_size, num_layers, batch_first, dropout, train, bidirectional, batch_sizes, dropout_state,
reserve, {output_mask[0], output_mask[1], output_mask[2]});
^
{
}
1 warning generated.
[ 90%] Linking CXX shared library ../lib/libcaffe2_gpu.dylib
[ 96%] Built target caffe2_gpu
Scanning dependencies of target cudnn_test
[ 96%] Building NVCC (Device) object caffe2/CMakeFiles/integer_divider_test.dir/__/aten/src/ATen/test/integer_divider_test_generated_integer_divider_test.cu.o
[ 97%] Linking CXX executable ../bin/tbb_init_test
```

```
[ 97%] Linking CXX executable ../bin/wrapdim_test
[ 98%] Linking CXX executable ../bin/scalar_tensor_test
[ 98%] Linking CXX executable ../bin/test_parallel
[ 98%] Linking CXX executable ../bin/scalar_test
[ 98%] Linking CXX executable ../bin/apply_test
[ 98%] Building CXX object caffe2/CMakeFiles/cudnn_test.dir/__/aten/src/ATen/test/cudnn_test.cpp.o
[ 98%] Built target tbb_init_test
[ 98%] Built target apply_test
[ 98%] Built target scalar_tensor_test
[ 98%] Built target wrapdim_test
[ 98%] Built target scalar_test
[ 99%] Built target test_parallel
[ 99%] Linking CXX executable ../bin/broadcast_test
[ 99%] Linking CXX executable ../bin/half_test
[ 99%] Linking CXX executable ../bin/native_test
[ 99%] Linking CXX executable ../bin/atest
[ 99%] Linking CXX executable ../bin/basic
[ 99%] Linking CXX executable ../bin/apply_utils_test
[ 99%] Built target broadcast_test
[ 99%] Built target atest
[ 99%] Built target native_test
[ 99%] Built target apply_utils_test
[ 99%] Built target half_test
[ 99%] Built target basic
[ 99%] Linking CXX executable ../bin/cuda_rng_test
[ 99%] Linking CXX executable ../bin/dlconvertor_test
[ 99%] Linking CXX executable ../bin/undefined_tensor_test
[ 99%] Linking CXX executable ../bin/verify_api_visibility
[ 99%] Built target verify_api_visibility
[ 99%] Built target dlconvertor_test
[100%] Built target cuda_rng_test
[100%] Built target undefined_tensor_test
[100%] Linking CXX executable ../bin/cudnn_test
[100%] Built target cudnn_test
[100%] Linking CXX executable ../bin/integer_divider_test
[100%] Built target integer_divider_test
Install the project...
-- Install configuration: "Release"
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/share/cmake/Caffe2/Caffe2ConfigVersion.cmake
-- Installing: /Users/josepen/Development/pytorch/torch/lib/tmp_install/share/cmake/Caffe2/Caffe2Config.cmake
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/share/cmake/Caffe2/public/cuda.cmake
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/share/cmake/Caffe2/public/glog.cmake
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/share/cmake/Caffe2/public/gflags.cmake
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/share/cmake/Caffe2/public/protobuf.cmake
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/share/cmake/Caffe2/public/threads.cmake
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/share/cmake/Caffe2/public/Utils.cmake
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/share/cmake/Caffe2/Modules_CUDA_fix
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/share/cmake/Caffe2/Modules_CUDA_fix/README.md
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/share/cmake/Caffe2/Modules_CUDA_fix/FindCUDA.cmake
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/share/cmake/Caffe2/Modules_CUDA_fix/upstream
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/share/cmake/Caffe2/Modules_CUDA_fix/upstream/FindPackageHandleStandardArgs.cmake
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/share/cmake/Caffe2/Modules_CUDA_fix/upstream/README.md
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/share/cmake/Caffe2/Modules_CUDA_fix/upstream/FindCUDA
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/share/cmake/Caffe2/Modules_CUDA_fix/upstream/FindCUDA/parse_cubin.cmake
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/share/cmake/Caffe2/Modules_CUDA_fix/upstream/FindCUDA/run_nvcc.cmake
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/share/cmake/Caffe2/Modules_CUDA_fix/upstream/FindCUDA/select_compute_arch.cmake
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/share/cmake/Caffe2/Modules_CUDA_fix/upstream/FindCUDA/make2cmake.cmake
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/share/cmake/Caffe2/Modules_CUDA_fix/upstream/CMakeInitializeConfigs.cmake
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/share/cmake/Caffe2/Modules_CUDA_fix/upstream/FindCUDA.cmake
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/share/cmake/Caffe2/Modules_CUDA_fix/upstream/FindPackageMessage.cmake
-- Old export file "/Users/josepen/Development/pytorch/torch/lib/tmp_install/share/cmake/Caffe2/Caffe2Targets.cmake" will be replaced. Removing files [/Users/josepen/Development/pytorch/torch/lib/tmp_install/share/cmake/Caffe2/Caffe2Targets-release.cmake].
-- Installing: /Users/josepen/Development/pytorch/torch/lib/tmp_install/share/cmake/Caffe2/Caffe2Targets.cmake
-- Installing: /Users/josepen/Development/pytorch/torch/lib/tmp_install/share/cmake/Caffe2/Caffe2Targets-release.cmake
-- Installing: /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libprotobuf-lite.a
/Library/Developer/CommandLineTools/usr/bin/ranlib: file: /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libprotobuf-lite.a(arenastring.cc.o) has no symbols
/Library/Developer/CommandLineTools/usr/bin/ranlib: file: /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libprotobuf-lite.a(atomicops_internals_x86_msvc.cc.o) has no symbols
/Library/Developer/CommandLineTools/usr/bin/ranlib: file: /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libprotobuf-lite.a(io_win32.cc.o) has no symbols
-- Installing: /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libprotobuf.a
/Library/Developer/CommandLineTools/usr/bin/ranlib: file: /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libprotobuf.a(arenastring.cc.o) has no symbols
/Library/Developer/CommandLineTools/usr/bin/ranlib: file: /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libprotobuf.a(atomicops_internals_x86_msvc.cc.o) has no symbols
/Library/Developer/CommandLineTools/usr/bin/ranlib: file: /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libprotobuf.a(io_win32.cc.o) has no symbols
/Library/Developer/CommandLineTools/usr/bin/ranlib: file: /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libprotobuf.a(gzip_stream.cc.o) has no symbols
/Library/Developer/CommandLineTools/usr/bin/ranlib: file: /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libprotobuf.a(error_listener.cc.o) has no symbols
-- Installing: /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libprotoc.a
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/bin/protoc
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/pkgconfig/protobuf.pc
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/pkgconfig/protobuf-lite.pc
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/any.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/any.pb.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/api.pb.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/arena.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/arena_impl.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/arenastring.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/compiler/code_generator.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/compiler/command_line_interface.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/compiler/cpp/cpp_generator.h
```





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-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/stubs/template_util.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/stubs/type_traits.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/text_format.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/timestamp.pb.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/type.pb.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/unknown_field_set.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/util/delimited_message_util.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/util/field_comparator.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/util/field_mask_util.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/util/json_util.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/util/message_differencer.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/util/time_util.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/util/type_resolver.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/util/type_resolver_util.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/wire_format.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/wire_format_lite.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/wire_format_lite_inl.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/wrappers.pb.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/descriptor.proto
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/any.proto
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/api.proto
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/duration.proto
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/empty.proto
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/field_mask.proto
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/source_context.proto
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-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/type.proto
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/wrappers.proto
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/google/protobuf/compiler/plugin.proto
-- Installing: /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/cmake/protobuf/protobuf-targets.cmake
-- Installing: /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/cmake/protobuf/protobuf-targets-release.cmake
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-- Installing: /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libnnpack.a
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/nnpack.h
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-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/cpuinfo.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/pthreadpool.h
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-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/bitcasts.h
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-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/_init_.py
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/avx.py
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/avx2.py
-- Installing: /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libonnx.a
/Library/Developer/CommandLineTools/usr/bin/ranlib: file: /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libonnx.a(defs.cc.o) has no symbols
-- Installing: /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libonnx_proto.a
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx/tools
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx/string_utils.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx/frontend
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx/test
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx/test/c++
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx/optimizer
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx/optimizer/optimize.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx/optimizer/passes
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx/optimizer/passes/eliminate_identity.h
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-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx/optimizer/passes/eliminate_nop_transpose.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx/optimizer/passes/fuse_add_bias_into_conv.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx/optimizer/passes/eliminate_unused_initializer.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx/optimizer/passes/fuse_bn_into_conv.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx/optimizer/passes/nop.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx/optimizer/passes/fuse_consecutive_squeezes.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx/optimizer/passes/lift_lexical_references.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx/optimizer/passes/fuse_consecutive_transposes.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx/optimizer/passes/split.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx/optimizer/passes/fuse_transpose_into_gemm.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx/bin
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx/onnx.pb.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx/shape_inference
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx/shape_inference/implementation.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx/backend
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx/backend/test
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx/backend/test/runner
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx/backend/test/loader
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx/backend/test/case
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/onnx/backend/test/case/model
```

















































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-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/ATen/CPUIntType.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/ATen/CPULongStorage.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/ATen/CPULongTensor.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/ATen/CPULongType.h
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-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/ATen/Functions.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/ATen/NativeFunctions.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/ATen/SparseCPUByteType.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/ATen/SparseCPUCharType.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/ATen/SparseCPUDoubleType.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/ATen/SparseCPUFloatType.h
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-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/ATen/Tensor.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/ATen/TensorMethods.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/ATen/Type.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/ATen/CUDAByteStorage.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/ATen/CUDAByteTensor.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/ATen/CUDAByteType.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/ATen/CUDACharStorage.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/ATen/CUDACharTensor.h
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-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/ATen/CUDADoubleStorage.h
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-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/ATen/SparseCUDAIntType.h
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-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/share/ATen/Declarations.yaml
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/sleef.h
-- Installing: /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libslief.a
+ [[ 0 -ne 0 ]]
+ popd
~/Development/pytorch ~/Development/pytorch
+ popd
~/Development/pytorch
+ for arg in "$@"
+ [[ nanobj == \n\c\c\l ]]
+ [[ nanobj == \g\l\o\o ]]
+ [[ nanobj == \c\l\l\l\l\l ]]
+ [[ nanobj == \T\H\H ]]
+ [[ nanobj == \l\l\l\l\l\l\l ]]
+ [[ nanobj == \l\l\l\l\l\l\l\l\l\l\l\l ]]
+ [[ nanobj == \c\l\0\d ]]
+ pushd /Users/josepen/Development/pytorch/third_party
~/Development/pytorch/third_party ~/Development/pytorch
+ build nanobj
+ mkdir -p build/nanobj
+ pushd build/nanobj
~/Development/pytorch/third_party/build/nanobj ~/Development/pytorch
+ BUILD_C_FLAGS=
+ case $1 in
+ BUILD_C_FLAGS=' -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/TH" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THC" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THS" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THCS" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THNN" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THCUNN" -DOMPI_SKIP_MPICXX=1 -fPIC -fexceptions'
+ cmake ../../nanobj -DCMAKE_MODULE_PATH=/Users/josepen/Development/pytorch/cmake/Modules_CUDA_fix -DTorch_FOUND=1 -DCMAKE_INSTALL_PREFIX=/Users/josepen/Development/pytorch/torch/lib/tmp_install -DCMAKE_C_FLAGS= -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/TH" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THC" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THS" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THCS" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THNN" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THCUNN" -DOMPI_SKIP_MPICXX=1 -fPIC -fexceptions ' -DCMAKE_CXX_FLAGS= -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/TH" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THS" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THCS" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THNN" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THCUNN" -DOMPI_SKIP_MPICXX=1 -fPIC -fexceptions -std=c++11 ' -DCMAKE_EXE_LINKER_FLAGS=-L"/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib" -Wl,-rpath,@loader_path ' -DCMAKE_SHARED_LINKER_FLAGS=-L"/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib" -Wl,-rpath,@loader_path ' -DCMAKE_INSTALL_LIBDIR=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib -DCUDA_NVCC_FLAGS=-I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/TH" -I"/Users/josepen/
```



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Development/pytorch/torch/lib/tmp_install/include/THC" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THS" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THCS" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THNN" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THCUNN" -DOMPI_SKIP_MPICXX=1 -DCUDA_DEVICE_DEBUG=0 -DCMAKE_PREFIX_PATH=/Users/josepen/Development/pytorch/torch/lib/tmp_install '-Dcwrap_files=/Users/josepen/Development/pytorch/torch/lib/ATen/Declarations.cwrap;/Users/josepen/Development/pytorch/torch/lib/THNN/generic/THNN.h;/Users/josepen/Development/pytorch/torch/lib/THCUNN/generic/THCUNN.h;/Users/josepen/Development/pytorch/torch/lib/ATen/nn.yaml' -DTH_INCLUDE_PATH=/Users/josepen/Development/pytorch/torch/lib/tmp_install/include -DTH_LIB_PATH=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib -DTH_LIBRARIES=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libTH.dylib -DCAFFE2_LIBRARIES=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libcaffe2.dylib -DTHNN_LIBRARIES=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libTHNN.dylib -DTHCUNN_LIBRARIES=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libTHCUNN.dylib -DTHS_LIBRARIES=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libTHS.dylib -DTHC_LIBRARIES=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libTHC.dylib -DTHCS_LIBRARIES=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libTHCS.dylib -DTH_SO_VERSION=1 -DTHNN_SO_VERSION=1 -DTHCUNN_SO_VERSION=1 -DTHD_SO_VERSION=1 -DUSE_CUDA=1 -DNO_NNPack=0 -DNCL_EXTERNAL=1 -Dnanopb_BUILD_GENERATOR=0 -DCMAKE_DEBUG_POSTFIX= -DCMAKE_BUILD_TYPE=Release -DCMAKE_EXPORT_COMPILE_COMMANDS=1
-- Configuring done
-- Generating done
-- Build files have been written to: /Users/josepen/Development/pytorch/third_party/build/nanopb
+ make install -j8
[100%] Built target protobuf-nanopb
Install the project...
-- Install configuration: "Release"
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libprotobuf-nanopb.a
-- Installing: /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/cmake/nanopb/nanopb-targets.cmake
-- Installing: /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/cmake/nanopb/nanopb-targets-release.cmake
-- Installing: /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/cmake/nanopb/nanopb-config.cmake
-- Installing: /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/cmake/nanopb/nanopb-config-version.cmake
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/pb.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/pb_common.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/pb_encode.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/pb_decode.h
+ popd
~/Development/pytorch/third_party ~/Development/pytorch
+ local lib_prefix=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libnanopb
++ uname
+ [[ Darwin == \D\a\r\w\i\n ]]
+ pushd /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib
~/Development/pytorch/torch/lib/tmp_install/lib ~/Development/pytorch/third_party ~/Development/pytorch
+ for lib in '*.dylib'
+ echo 'Updating install_name for libcaffe2.dylib'
Updating install_name for libcaffe2.dylib
+ install_name_tool -id @rpath/libcaffe2.dylib libcaffe2.dylib
+ for lib in '*.dylib'
+ echo 'Updating install_name for libcaffe2_gpu.dylib'
Updating install_name for libcaffe2_gpu.dylib
+ install_name_tool -id @rpath/libcaffe2_gpu.dylib libcaffe2_gpu.dylib
+ for lib in '*.dylib'
+ echo 'Updating install_name for libshm.dylib'
Updating install_name for libshm.dylib
+ install_name_tool -id @rpath/libshm.dylib libshm.dylib
+ popd
~/Development/pytorch/third_party ~/Development/pytorch
+ popd
~/Development/pytorch
+ for arg in "$@"
+ [[ libshm == \n\c\c\l ]]
+ [[ libshm == \g\l\o\o ]]
+ [[ libshm == \c\h\h\l ]]
+ [[ libshm == \V\H\D ]]
+ [[ libshm == \l\i\b\s\h\m ]]
+ pushd /Users/josepen/Development/pytorch/torch/lib
~/Development/pytorch/torch/lib ~/Development/pytorch
+ build libshm
+ mkdir -p build/libshm
+ pushd build/libshm
~/Development/pytorch/torch/lib/build/libshm ~/Development/pytorch/torch/lib ~/Development/pytorch
+ BUILD_C_FLAGS=
+ case $1 in
+ BUILD_C_FLAGS=' -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/TH" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THC" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THS" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THNN" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THCUNN" -DOMPI_SKIP_MPICXX=1 -fexceptions'
+ cmake ../libshm -DCMAKE_MODULE_PATH=/Users/josepen/Development/pytorch/cmake/Modules_CUDA_fix -DTorch_FOUND=1 -DCMAKE_INSTALL_PREFIX=/Users/josepen/Development/pytorch/torch/lib/tmp_install '-DCMAKE_C_FLAGS= -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/TH" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THC" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THS" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THNN" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THCUNN" -DOMPI_SKIP_MPICXX=1 -fexceptions -std=c++11' '-DCMAKE_EXE_LINKER_FLAGS=-L"/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib" -Wl,-rpath,@loader_path' '-DCMAKE_SHARED_LINKER_FLAGS=-L"/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib" -Wl,-rpath,@loader_path' '-DCMAKE_INSTALL_LIBDIR=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib' '-DCUDA_NVCC_FLAGS= -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/TH" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THC" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THS" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THNN" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THCUNN" -DOMPI_SKIP_MPICXX=1 -fexceptions -std=c++11' '-DCMAKE_EXE_LINKER_FLAGS=-L"/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib" -Wl,-rpath,@loader_path' '-DCMAKE_SHARED_LINKER_FLAGS=-L"/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib" -Wl,-rpath,@loader_path' '-DCMAKE_INSTALL_LIBDIR=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib' '-DCUDA_NVCC_FLAGS= -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/TH" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THC" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THS" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THNN" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THCUNN" -DOMPI_SKIP_MPICXX=1 -fexceptions -std=c++11' '-DCMAKE_EXE_LINKER_FLAGS=-L"/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib" -Wl,-rpath,@loader_path' '-DCMAKE_SHARED_LINKER_FLAGS=-L"/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib" -Wl,-rpath,@loader_path' '-DCMAKE_INSTALL_LIBDIR=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib' '-DCUDA_NVCC_FLAGS= -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/TH" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THC" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THS" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THNN" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THCUNN" -DOMPI_SKIP_MPICXX=1 -fexceptions -std=c++11' '-DCMAKE_EXE_LINKER_FLAGS=-L"/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib' -Dcwrap_files=/Users/josepen/Development/pytorch/torch/lib/ATen/Declarations.cwrap;/Users/josepen/Development/pytorch/torch/lib/THNN/generic/THNN.h;/Users/josepen/Development/pytorch/torch/lib/THCUNN/generic/THCUNN.h;/Users/josepen/Development/pytorch/torch/lib/ATen/nn.yaml' -DTH_INCLUDE_PATH=/Users/josepen/Development/pytorch/torch/lib/tmp_install/include -DTH_LIB_PATH=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib -DTH_LIBRARIES=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libTH.dylib -DCAFFE2_LIBRARIES=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libcaffe2.dylib -DTHNN_LIBRARIES=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libTHNN.dylib -DTHCUNN_LIBRARIES=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libTHCUNN.dylib -DTHS_LIBRARIES=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libTHS.dylib -DTHC_LIBRARIES=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libTHC.dylib -DTHCS_LIBRARIES=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libTHCS.dylib -DTH_SO_VERSION=1 -DTHNN_SO_VERSION=1 -DTHCUNN_SO_VERSION=1 -DTHD_SO_VERSION=1 -DUSE_CUDA=1 -DNO_NNPack=0 -DNCL_EXTERNAL=1 -Dnanopb_BUILD_GENERATOR=0 -DCMAKE_DEBUG_POSTFIX= -DCMAKE_BUILD_TYPE=Release -DCMAKE_EXPORT_COMPILE_COMMANDS=1
-- Caffe2: Found protobuf with new-style protobuf targets.
-- Caffe2: Protobuf version 3.5.0
-- Caffe2: CUDA detected: 9.2
-- Caffe2: CUDA nvcc is: /usr/local/cuda/bin/nvcc
-- Caffe2: CUDA toolkit directory: /usr/local/cuda
-- Caffe2: Header version is: 9.2
-- Found CUDNN: /usr/local/cuda/include
```

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-- Found cuDNN: v7.1.4 (include: /usr/local/cuda/include, library: /usr/local/cuda/lib/libcudnn.7.dylib)
-- Autodetected CUDA architecture(s): 3.0
-- Added CUDA NVCC flags for: -gencode;arch=compute_30.code=sm_30
CMake Warning (dev) at /Users/josepen/Development/pytorch/torch/lib/tmp_install/share/cmake/Caffe2/Caffe2Config.cmake:86 (if):
if given arguments:

  "ON" "AND" "NOT" "CAFFE2_USE_CUDNN"

An argument named "ON" appears in a conditional statement. Policy CMP0012
is not set: if() recognizes numbers and boolean constants. Run "cmake
--help-policy CMP0012" for policy details. Use the cmake_policy command to
set the policy and suppress this warning.
Call Stack (most recent call first):
  CMakeLists.txt:7 (FIND_PACKAGE)
This warning is for project developers. Use -Wno-dev to suppress it.

-- Configuring done
CMake Warning (dev):
Policy CMP0042 is not set: MACOSX_RPATH is enabled by default. Run "cmake
--help-policy CMP0042" for policy details. Use the cmake_policy command to
set the policy and suppress this warning.

MACOSX_RPATH is not specified for the following targets:

  shm

This warning is for project developers. Use -Wno-dev to suppress it.

-- Generating done
-- Build files have been written to: /Users/josepen/Development/pytorch/torch/lib/build/libshm
+ make install -j8
[ 50%] Linking CXX shared library libshm.dylib
[ 75%] Built target torch_shm_manager
[100%] Built target shm
Install the project...
-- Install configuration: "Release"
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libshm.dylib
error: /Library/Developer/CommandLineTools/usr/bin/install_name_tool: no LC_RPATH load command with path: /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib found in: /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libshm.dylib (for architecture x86_64), required for specified option "-delete_rpath /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib"
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/libshm.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/bin/torch_shm_manager
+ popd
~/Development/pytorch/torch/lib ~/Development/pytorch
+ local lib_prefix=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/liblibshm
++ uname
+ [[ Darwin == \D\ar\w\i\n ]]
+ pushd /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib
~/Development/pytorch/torch/lib/tmp_install/lib ~/Development/pytorch/torch/lib ~/Development/pytorch
+ for lib in *.dylib
+ echo 'Updating install_name for libcaffe2.dylib'
Updating install_name for libcaffe2.dylib
+ install_name_tool -id @rpath/libcaffe2.dylib libcaffe2.dylib
+ for lib in *.dylib
+ echo 'Updating install_name for libcaffe2_gpu.dylib'
Updating install_name for libcaffe2_gpu.dylib
+ install_name_tool -id @rpath/libcaffe2_gpu.dylib libcaffe2_gpu.dylib
+ for lib in *.dylib
+ echo 'Updating install_name for libshm.dylib'
Updating install_name for libshm.dylib
+ install_name_tool -id @rpath/libshm.dylib libshm.dylib
+ popd
~/Development/pytorch/torch/lib ~/Development/pytorch
+ popd
~/Development/pytorch
+ for arg in "$@"
+ [[ THD == \n\c\c\l ]]
+ [[ THD == \g\l\o\o ]]
+ [[ THD == \c\l\o\l\l\2 ]]
+ [[ THD == \T\H\D ]]
+ pushd /Users/josepen/Development/pytorch/torch/lib
~/Development/pytorch/torch/lib ~/Development/pytorch
+ build THD
+ mkdir -p build/THD
+ pushd build/THD
~/Development/pytorch/torch/lib/build/THD ~/Development/pytorch/torch/lib ~/Development/pytorch
+ BUILD_C_FLAGS=
+ case $1 in
+ BUILD_C_FLAGS=' -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/TH" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THC" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THS" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THCS" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THNN" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THCUNN" -DOMPI_SKIP_MPICXX=1 -fexceptions'
+ cmake ../..THD -DCMAKE_MODULE_PATH=/Users/josepen/Development/pytorch/cmake/Modules_CUDA_fix -DTorch_FOUND=1 -DCMAKE_INSTALL_PREFIX=/Users/josepen/Development/pytorch/torch/lib/tmp_install -DCMAKE_C_FLAGS=-I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/TH" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THC" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THS" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THCS" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THNN" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THCUNN" -DOMPI_SKIP_MPICXX=1 -fexceptions ' -DCMAKE_CXX_FLAGS=-I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/TH" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THS" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THCS" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THNN" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THCUNN" -DOMPI_SKIP_MPICXX=1 -fexceptions -std=c++11 ' -DCMAKE_EXE_LINKER_FLAGS=-L"/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib" -Wl,-rpath,@loader_path ' -DCMAKE_SHARED_LINKER_FLAGS=-L"/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib" -Wl,-rpath,@loader_path ' -DCMAKE_INSTALL_LIBDIR=/Users/josepen/Development/
```

```
pytorch/torch/lib/tmp_install/lib '-DCUDA_NVCC_FLAGS=-I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/TH" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THC" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THS" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THCS" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THNN" -I"/Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THCUNN" -DOMPI_SKIP_MPICXX=1 -DCUDA_DEVICE_DEBUG=0 -DCMAKE_PREFIX_PATH=/Users/josepen/Development/pytorch/torch/lib/tmp_install -DCwFrap_files=/Users/josepen/Development/pytorch/torch/lib/ATen/Declarations.cwrap;/Users/josepen/Development/pytorch/torch/lib/THNN/generic/THNN.h;/Users/josepen/Development/pytorch/torch/lib/THCUNN/generic/THCUNN.h;/Users/josepen/Development/pytorch/torch/lib/ATen/nn.yaml' -DTH_INCLUDE_PATH=/Users/josepen/Development/pytorch/torch/lib/tmp_install/include -DTH_LIB_PATH=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib -DTH_LIBRARIES=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libTH.dylib -DCAFFE2_LIBRARIES=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libcaffe2.dylib -DTHNN_LIBRARIES=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libTHNN.dylib -DTHCUNN_LIBRARIES=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libTHCUNN.dylib -DTHS_LIBRARIES=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libTHS.dylib -DTHC_LIBRARIES=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libTHC.dylib -DTHCS_LIBRARIES=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libTHCS.dylib -DTH_SO_VERSION=1 -DTHC_SO_VERSION=1 -DTHNN_SO_VERSION=1 -DTHCUNN_SO_VERSION=1 -DTHD_SO_VERSION=1 -DUSE_CUDA=1 -DNO_NNPack=0 -DNCCL_EXTERNAL=1 -Dnanopb_BUILD_GENERATOR=0 -DCMAKE_DEBUG_POSTFIX= -DCMAKE_BUILD_TYPE=Release -DCMAKE_EXPORT_COMPILE_COMMANDS=1
-- Could NOT find MPI_C (missing: MPI_C_LIB_NAMES MPI_C_HEADER_DIR MPI_C_WORKS)
-- Could NOT find MPI_CXX (missing: MPI_CXX_LIB_NAMES MPI_CXX_HEADER_DIR MPI_CXX_WORKS)
-- Could NOT find MPI (missing: MPI_C_FOUND MPI_CXX_FOUND)
-- Could NOT find Gloo (missing: GLOO_INCLUDE_DIR GLOO_LIBRARY)
-- Caffe2: Found protobuf with new-style protobuf targets.
-- Caffe2: Protobuf version 3.5.0
-- Found CUDA: /usr/local/cuda (found suitable version "9.2", minimum required is "7.0")
-- Caffe2: CUDA detected: 9.2
-- Caffe2: CUDA nvcc is: /usr/local/cuda/bin/nvcc
-- Caffe2: CUDA toolkit directory: /usr/local/cuda
-- Caffe2: Header version is: 9.2
-- Found CUDNN: /usr/local/cuda/include
-- Found cudNN: v7.1.4 (include: /usr/local/cuda/include, library: /usr/local/cuda/lib/libcudnn.7.dylib)
-- Autodetected CUDA architecture(s): 3.0
-- Added CUDA NVCC flags for: -gencode;arch=compute_30,code=sm_30
-- Found CUDA: /usr/local/cuda (found suitable version "9.2", minimum required is "7.5")
-- Could NOT find NCCL (missing: NCCL_INCLUDE_DIRS NCCL_LIBRARIES)
-- Not able to find NCCL, will not compile with NCCL distributed backend
-- Excluding /Users/josepen/Development/pytorch/torch/lib/THD/master_worker/worker/dispatch/Communication.cpp from the build
-- Excluding /Users/josepen/Development/pytorch/torch/lib/THD/master_worker/worker/dispatch/Generator.cpp from the build
-- Excluding /Users/josepen/Development/pytorch/torch/lib/THD/master_worker/worker/dispatch/Storage.cpp from the build
-- Excluding /Users/josepen/Development/pytorch/torch/lib/THD/master_worker/worker/dispatch/Tensor.cpp from the build
-- Excluding /Users/josepen/Development/pytorch/torch/lib/THD/master_worker/worker/dispatch/TensorCopy.cpp from the build
-- Excluding /Users/josepen/Development/pytorch/torch/lib/THD/master_worker/worker/dispatch/TensorLapack.cpp from the build
-- Excluding /Users/josepen/Development/pytorch/torch/lib/THD/master_worker/worker/dispatch/TensorMath.cpp from the build
-- Excluding /Users/josepen/Development/pytorch/torch/lib/THD/master_worker/worker/dispatch/TensorRandom.cpp from the build
-- Configuring done
-- Generating done
-- Build files have been written to: /Users/josepen/Development/pytorch/torch/lib/build/THD
+ make install -j8
[100%] Built target THD
Install the project...
-- Install configuration: "Release"
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libTHD.a
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THD/THD.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THD/base/ChannelType.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THD/base/Cuda.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THD/base/DataChannel.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THD/base/DataChannelRequest.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THD/base/THDGenerateAllTypes.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THD/base/TensorDescriptor.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THD/process_group/Collectives.h
-- Up-to-date: /Users/josepen/Development/pytorch/torch/lib/tmp_install/include/THD/process_group/General.h
+ popd
~/Development/pytorch/torch/lib ~/Development/pytorch
+ local lib_prefix=/Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libTHD
++ uname
+ [[ Darwin == \D\a\r\w\i\n ]]
+ pushd /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib
~/Development/pytorch/torch/lib/tmp_install/lib ~/Development/pytorch/torch/lib ~/Development/pytorch
+ for lib in *.dylib
+ echo 'Updating install_name for libcaffe2.dylib'
Updating install_name for libcaffe2.dylib
+ install_name_tool -id @rpath/libcaffe2.dylib libcaffe2.dylib
+ for lib in *.dylib
+ echo 'Updating install_name for libcaffe2_gpu.dylib'
Updating install_name for libcaffe2_gpu.dylib
+ install_name_tool -id @rpath/libcaffe2_gpu.dylib libcaffe2_gpu.dylib
+ for lib in *.dylib
+ echo 'Updating install_name for libshm.dylib'
Updating install_name for libshm.dylib
+ install_name_tool -id @rpath/libshm.dylib libshm.dylib
+ popd
~/Development/pytorch/torch/lib ~/Development/pytorch
+ popd
~/Development/pytorch
+ pushd torch/lib
~/Development/pytorch/torch/lib ~/Development/pytorch
+ rm -rf /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/cmake
+ rm -rf /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/python
+ cp -r /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libTHD.a /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libcaffe2.dylib /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libcaffe2_gpu.dylib /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libcubin.a /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libcubinpack.a /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libbonnx.a /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libbonnx_proto.a /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libprotobuf-lite.a /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libprotobuf-nanopb.a /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libprotobuf.a /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libprotoc.a /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libthreadpool.a /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libshm.dylib /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/libseef.a /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib/pkgconfig
+ '[' -d /Users/josepen/Development/pytorch/torch/lib/tmp_install/lib64/ ']'
+ cp ../aten/src/THNN/generic/THNN.h .
+ cp ../aten/src/THCUNN/generic/THCUNN.h .
```

```
+ cp -r /Users/josepen/Development/pytorch/torch/lib/tmp_install/include .
+ '[' -d /Users/josepen/Development/pytorch/torch/lib/tmp_install/bin/ ']'
+ cp -r /Users/josepen/Development/pytorch/torch/lib/tmp_install/bin//protoc /Users/josepen/Development/pytorch/torch/lib/tmp_install/bin//torch_shm_manager .
+ popd
~/Development/pytorch
copying torch/csrc/nn/THCUNN.cpp -> torch/lib/include/torch/csrc/nn
copying torch/csrc/nn/THNN.cpp -> torch/lib/include/torch/csrc/nn
copying torch/csrc/nn/THCUNN.cwrap -> torch/lib/include/torch/csrc/nn
copying torch/csrc/nn/THNN.cwrap -> torch/lib/include/torch/csrc/nn
creating torch/lib/include/torch/csrc/autograd/generated
copying torch/csrc/autograd/generated/python_nn_functions.cpp -> torch/lib/include/torch/csrc/autograd/generated
copying torch/csrc/autograd/generated/python_functions.cpp -> torch/lib/include/torch/csrc/autograd/generated
copying torch/csrc/autograd/generated/python_variable_methods.cpp -> torch/lib/include/torch/csrc/autograd/generated
copying torch/csrc/autograd/generated/python_torch_functions_dispatch.h -> torch/lib/include/torch/csrc/autograd/generated
copying torch/csrc/autograd/generated/python_functions.h -> torch/lib/include/torch/csrc/autograd/generated
copying torch/csrc/autograd/generated/VariableType.cpp -> torch/lib/include/torch/csrc/autograd/generated
copying torch/csrc/autograd/generated/VariableType.h -> torch/lib/include/torch/csrc/autograd/generated
copying torch/csrc/autograd/generated/python_nn_functions_dispatch.h -> torch/lib/include/torch/csrc/autograd/generated
copying torch/csrc/autograd/generated/Functions.h -> torch/lib/include/torch/csrc/autograd/generated
copying torch/csrc/autograd/generated/variable_factories.h -> torch/lib/include/torch/csrc/autograd/generated
copying torch/csrc/autograd/generated/python_torch_functions.cpp -> torch/lib/include/torch/csrc/autograd/generated
copying torch/csrc/autograd/generated/python_variable_methods_dispatch.h -> torch/lib/include/torch/csrc/autograd/generated
copying torch/csrc/autograd/generated/python_nn_functions.h -> torch/lib/include/torch/csrc/autograd/generated
copying torch/csrc/autograd/generated/Functions.cpp -> torch/lib/include/torch/csrc/autograd/generated
creating torch/lib/include/torch/csrc/jit/generated
copying torch/csrc/jit/generated/aten_schema.cpp -> torch/lib/include/torch/csrc/jit/generated
copying torch/csrc/jit/generated/aten_dispatch.cpp -> torch/lib/include/torch/csrc/jit/generated
copying torch/csrc/jit/generated/aten_interned_strings.h -> torch/lib/include/torch/csrc/jit/generated
running build
running build_py
running create_version_file
-- Building version 0.5.0a0+290d20b
copying torch/version.py -> build/lib.macosx-10.7-x86_64-3.6/torch
copying torch/lib/libcaffe2_gpu.dylib -> build/lib.macosx-10.7-x86_64-3.6/torch/lib
copying torch/lib/libcaffe2.dylib -> build/lib.macosx-10.7-x86_64-3.6/torch/lib
copying torch/lib/libshm.dylib -> build/lib.macosx-10.7-x86_64-3.6/torch/lib
copying torch/lib/torch_shm_manager -> build/lib.macosx-10.7-x86_64-3.6/torch/lib
copying torch/lib/THNN.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib
copying torch/lib/THCUNN.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib
copying torch/lib/include/ATen/Type.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/Formatting.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/CPUHalfTensor.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/Error.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
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copying torch/lib/include/ATen/TensorUtils.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/CPUShortStorage.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/Retainable.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/DLConvertor.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/AlignOf.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/Device.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/SparseCPUIntType.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/SparseCUDALongType.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/CPUIntType.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/CPUFloatType.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/CPUCharStorage.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/dlpack.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/Half-inl.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/Config.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/CPUCharTensor.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/SparseCUDACharType.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/Backtrace.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/CPUShortType.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/SparseCPULongType.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/CUDALongStorage.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/CPUHalfStorage.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/CUDAFloatTensor.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/CPUGenerator.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/CUDALongType.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/SparseCPUFloatType.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/SparseCPUCharType.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/CUDAIntTensor.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/CPUByteStorage.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/WrapDimUtils.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
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copying torch/lib/include/ATen/CPUHalfType.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/CUDACharType.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/Context.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/SparseCPUShortType.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/CUDADoubleStorage.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/CUDADoubleType.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/ExpandUtils.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
copying torch/lib/include/ATen/CPULongType.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/ATen
```





```
copying torch/lib/include/THC/THCTensorTopK.cuh -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC
copying torch/lib/include/THC/THCSortUtils.cuh -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC
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copying torch/lib/include/THC/THCSortUtils.cuh -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC
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copying torch/lib/include/THC/THCDeviceTensor.cuh -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC
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copying torch/lib/include/THC/generic/THCTensorMathScan.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/generic
copying torch/lib/include/THC/generic/THCTensorSort.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/generic
copying torch/lib/include/THC/generic/THCTensorMasked.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/generic
copying torch/lib/include/THC/generic/THCTensorMath.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/generic
copying torch/lib/include/THC/generic/THCTensorMathMagma.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/generic
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copying torch/lib/include/THC/generic/THCTensorMode.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/generic
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copying torch/lib/include/THC/generic/THCTensorRandom.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/generic
copying torch/lib/include/THC/generic/THCTensorTopK.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/generic
copying torch/lib/include/THC/generic/THCTensorMathPairwise.h -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/generic
copying torch/lib/include/THCUNN/THCHalfAutoNumerics.cuh -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THCUNN
copying torch/lib/include/THCUNN/SharedMem.cuh -> build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THCUNN
running build_ext
-- Building with NumPy bindings
-- Detected cuDNN at /usr/local/cuda/lib/libcudnn.7.dylib, /usr/local/cuda/include
-- Detected CUDA at /usr/local/cuda
-- Not using MKLDNN
-- Not using NCCL
-- Building with distributed package
Skipped writing torch/csrc/nn/THNN.cpp
Skipped writing torch/csrc/nn/THCUNN.cpp
Skipped writing torch/csrc/autograd/generated/VariableType.h
Skipped writing torch/csrc/autograd/generated/VariableType.cpp
Skipped writing torch/csrc/autograd/generated/Functions.h
Skipped writing torch/csrc/autograd/generated/Functions.cpp
Skipped writing torch/csrc/autograd/generated/python_functions.h
Skipped writing torch/csrc/autograd/generated/python_functions.cpp
Skipped writing torch/csrc/autograd/generated/python_variable_methods.cpp
Skipped writing torch/csrc/autograd/generated/python_variable_methods_dispatch.h
Skipped writing torch/csrc/autograd/generated/python_torch_functions.cpp
Skipped writing torch/csrc/autograd/generated/python_torch_functions_dispatch.h
Skipped writing torch/csrc/autograd/generated/python_nn_functions.cpp
Skipped writing torch/csrc/autograd/generated/python_nn_functions.h
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Skipped writing torch/csrc/autograd/generated/variable_factories.h
Skipped writing torch/csrc/jit/generated/aten_dispatch.cpp
Skipped writing torch/csrc/jit/generated/aten_schema.cpp
Skipped writing torch/csrc/jit/generated/aten_interned_strings.h
running install_lib
copying build/lib.macosx-10.7-x86_64-3.6/torch/version.py -> /Users/josepen/anaconda3/lib/python3.6/site-packages/torch
copying build/lib.macosx-10.7-x86_64-3.6/torch/lib/libcaffe2_gpu.dylib -> /Users/josepen/anaconda3/lib/python3.6/site-packages/torch/lib
copying build/lib.macosx-10.7-x86_64-3.6/torch/lib/THNN.h -> /Users/josepen/anaconda3/lib/python3.6/site-packages/torch/lib
copying build/lib.macosx-10.7-x86_64-3.6/torch/lib/libcaffe2.dylib -> /Users/josepen/anaconda3/lib/python3.6/site-packages/torch/lib
copying build/lib.macosx-10.7-x86_64-3.6/torch/lib/torch_shm_manager -> /Users/josepen/anaconda3/lib/python3.6/site-packages/torch/lib
copying build/lib.macosx-10.7-x86_64-3.6/torch/lib/THCUNN.h -> /Users/josepen/anaconda3/lib/python3.6/site-packages/torch/lib
copying build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/THCBlas.h -> /Users/josepen/anaconda3/lib/python3.6/site-packages/torch/lib/include/THC
copying build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/THCTensorCopy.h -> /Users/josepen/anaconda3/lib/python3.6/site-packages/torch/lib/include/THC
copying build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/THCReduceAll.cuh -> /Users/josepen/anaconda3/lib/python3.6/site-packages/torch/lib/include/THC
copying build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/THCStorageCopy.h -> /Users/josepen/anaconda3/lib/python3.6/site-packages/torch/lib/include/THC
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copying build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/THCCachingHostAllocator.h -> /Users/josepen/anaconda3/lib/python3.6/site-packages/torch/lib/include/THC
copying build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/THCTensorTypeUtils.cuh -> /Users/josepen/anaconda3/lib/python3.6/site-packages/torch/lib/include/THC
copying build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/THCStream.h -> /Users/josepen/anaconda3/lib/python3.6/site-packages/torch/lib/include/THC
copying build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/THCReduceApplyUtils.cuh -> /Users/josepen/anaconda3/lib/python3.6/site-packages/torch/lib/include/THC
copying build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/THCGenerateCharType.h -> /Users/josepen/anaconda3/lib/python3.6/site-packages/torch/lib/include/THC
copying build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/THCTensorMathReduce.cuh -> /Users/josepen/anaconda3/lib/python3.6/site-packages/torch/lib/include/THC
copying build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/THCTensorMath.h -> /Users/josepen/anaconda3/lib/python3.6/site-packages/torch/lib/include/THC
copying build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/THCGenerateLongType.h -> /Users/josepen/anaconda3/lib/python3.6/site-packages/torch/lib/include/THC
copying build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/THCApply.cuh -> /Users/josepen/anaconda3/lib/python3.6/site-packages/torch/lib/include/THC
copying build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/THCGenerateIntType.h -> /Users/josepen/anaconda3/lib/python3.6/site-packages/torch/lib/include/THC
copying build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/THCReduce.cuh -> /Users/josepen/anaconda3/lib/python3.6/site-packages/torch/lib/include/THC
copying build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/THCTensorSort.h -> /Users/josepen/anaconda3/lib/python3.6/site-packages/torch/lib/include/THC
copying build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/THCGenerateHalfType.h -> /Users/josepen/anaconda3/lib/python3.6/site-packages/torch/lib/include/THC
copying build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/THCGenerateFloatType.h -> /Users/josepen/anaconda3/lib/python3.6/site-packages/torch/lib/include/THC
copying build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/THCAtomics.cuh -> /Users/josepen/anaconda3/lib/python3.6/site-packages/torch/lib/include/THC
copying build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/THCHalf.h -> /Users/josepen/anaconda3/lib/python3.6/site-packages/torch/lib/include/THC
copying build/lib.macosx-10.7-x86_64-3.6/torch/lib/include/THC/THCGenerateDoubleType.h -> /Users/josepen/anaconda3/lib/python3.6/site-packages/torch/lib/include/THC
```







