#pragma once

#ifdef \_\_cplusplus

#include <twml/defines.h>

#include <twml/TensorRecord.h>

#include <twml/ThriftReader.h>

#include <cstdint>

#include <vector>

#include <string>

#include <unordered\_map>

namespace twml {

// Class that parses the thrift objects as defined in tensor.thrift

class TWMLAPI TensorRecordReader : public ThriftReader {

std::vector<uint64\_t> readShape();

template<typename T> RawTensor readTypedTensor();

RawTensor readRawTypedTensor();

RawTensor readStringTensor();

RawTensor readGeneralTensor();

RawSparseTensor readCOOSparseTensor();

public:

void readTensor(const int feature\_type, TensorRecord \*record);

void readSparseTensor(const int feature\_type, TensorRecord \*record);

TensorRecordReader(const uint8\_t \*buffer) : ThriftReader(buffer) {}

};

}

#endif