syntax = "proto3";

package tensorflow;

import "tensorflow/core/framework/allocation\_description.proto";

import "tensorflow/core/framework/tensor\_shape.proto";

import "tensorflow/core/framework/types.proto";

option cc\_enable\_arenas = true;

option java\_outer\_classname = "TensorDescriptionProtos";

option java\_multiple\_files = true;

option java\_package = "org.tensorflow.framework";

option go\_package = "github.com/tensorflow/tensorflow/tensorflow/go/core/framework/tensor\_description\_go\_proto";

message TensorDescription {

// Data type of tensor elements

DataType dtype = 1;

// Shape of the tensor.

TensorShapeProto shape = 2;

// Information about the size and allocator used for the data

AllocationDescription allocation\_description = 4;

}