syntax = "proto3";

option cc\_enable\_arenas = true;

import "tensorflow\_serving/apis/input.proto";

import "tensorflow\_serving/apis/model.proto";

package tensorflow.serving;

// A single class.

message Class {

// Label or name of the class.

string label = 1;

// Score for this class (e.g., the probability the item belongs to this

// class). As per the proto3 default-value semantics, if the score is missing,

// it should be treated as 0.

float score = 2;

}

// List of classes for a single item (tensorflow.Example).

message Classifications {

repeated Class classes = 1;

}

// Contains one result per input example, in the same order as the input in

// ClassificationRequest.

message ClassificationResult {

repeated Classifications classifications = 1;

}

// RPC Interfaces

message ClassificationRequest {

// Model Specification. If version is not specified, will use the latest

// (numerical) version.

ModelSpec model\_spec = 1;

// Input data.

tensorflow.serving.Input input = 2;

}

message ClassificationResponse {

// Effective Model Specification used for classification.

ModelSpec model\_spec = 2;

// Result of the classification.

ClassificationResult result = 1;

}