syntax = "proto3";

package tensorflow;

option cc\_enable\_arenas = true;

option java\_outer\_classname = "AllocationDescriptionProtos";

option java\_multiple\_files = true;

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

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

message AllocationDescription {

// Total number of bytes requested

int64 requested\_bytes = 1;

// Total number of bytes allocated if known

int64 allocated\_bytes = 2;

// Name of the allocator used

string allocator\_name = 3;

// Identifier of the allocated buffer if known

int64 allocation\_id = 4;

// Set if this tensor only has one remaining reference

bool has\_single\_reference = 5;

// Address of the allocation.

uint64 ptr = 6;

}