syntax = "proto3";

package tensorflow;

option go\_package = "github.com/tensorflow/tensorflow/tensorflow/go/core/protobuf/for\_core\_protos\_go\_proto";

// Some of the data from AllocatorStats

message MemAllocatorStats {

int64 num\_allocs = 1;

int64 bytes\_in\_use = 2;

int64 peak\_bytes\_in\_use = 3;

int64 largest\_alloc\_size = 4;

float fragmentation\_metric = 5;

}

message MemChunk {

uint64 address = 1;

int64 size = 2;

int64 requested\_size = 3;

int32 bin = 4;

string op\_name = 5;

uint64 freed\_at\_count = 6;

uint64 action\_count = 7;

bool in\_use = 8;

uint64 step\_id = 9;

}

message BinSummary {

int32 bin = 1;

int64 total\_bytes\_in\_use = 2;

int64 total\_bytes\_in\_bin = 3;

int64 total\_chunks\_in\_use = 4;

int64 total\_chunks\_in\_bin = 5;

}

message SnapShot {

uint64 action\_count = 1;

int64 size = 2;

}

message MemoryDump {

string allocator\_name = 1;

repeated BinSummary bin\_summary = 2;

repeated MemChunk chunk = 3;

repeated SnapShot snap\_shot = 4;

MemAllocatorStats stats = 5;

}