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==============================================================================\*/

syntax = "proto3";

package tensorflow.grpc;

import "tensorflow/core/protobuf/worker.proto";

option java\_outer\_classname = "WorkerServiceProtos";

option java\_multiple\_files = true;

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

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

////////////////////////////////////////////////////////////////////////////////

//

// WorkerService defines a TensorFlow service that executes dataflow

// graphs on a set of local devices, on behalf of a MasterService.

//

// A worker service keeps track of multiple "registered graphs". Each

// registered graph is a subgraph of a client's graph, corresponding to

// only the nodes that should execute on this worker (and any

// additional nodes necessary for inter-process communication using

// the `RecvTensor` method).

//

////////////////////////////////////////////////////////////////////////////////

service WorkerService {

// See worker.proto for details.

rpc GetStatus(GetStatusRequest) returns (GetStatusResponse);

// See worker.proto for details.

rpc CreateWorkerSession(CreateWorkerSessionRequest)

returns (CreateWorkerSessionResponse);

// See worker.proto for details.

rpc DeleteWorkerSession(DeleteWorkerSessionRequest)

returns (DeleteWorkerSessionResponse);

// See worker.proto for details.

rpc RegisterGraph(RegisterGraphRequest) returns (RegisterGraphResponse);

// See worker.proto for details.

rpc DeregisterGraph(DeregisterGraphRequest) returns (DeregisterGraphResponse);

// See worker.proto for details.

rpc RunGraph(RunGraphRequest) returns (RunGraphResponse);

// See worker.proto for details.

rpc CleanupGraph(CleanupGraphRequest) returns (CleanupGraphResponse);

// See worker.proto for details.

rpc CleanupAll(CleanupAllRequest) returns (CleanupAllResponse);

// See worker.proto for details.

rpc RecvTensor(RecvTensorRequest) returns (RecvTensorResponse) {

// RecvTensor Method

}

// See worker.proto for details.

rpc Logging(LoggingRequest) returns (LoggingResponse);

// See worker.proto for details.

rpc Tracing(TracingRequest) returns (TracingResponse);

// See worker.proto for details.

rpc RecvBuf(RecvBufRequest) returns (RecvBufResponse) {}

// See worker.proto for details.

rpc GetStepSequence(GetStepSequenceRequest) returns (GetStepSequenceResponse);

// See worker.proto for details.

rpc CompleteGroup(CompleteGroupRequest) returns (CompleteGroupResponse);

// See worker.proto for details.

rpc CompleteInstance(CompleteInstanceRequest)

returns (CompleteInstanceResponse);

}