;; Auto-generated. Do not edit!

(when (boundp 'xolobot\_arm\_server::EvaluateDriver)

(if (not (find-package "XOLOBOT\_ARM\_SERVER"))

(make-package "XOLOBOT\_ARM\_SERVER"))

(shadow 'EvaluateDriver (find-package "XOLOBOT\_ARM\_SERVER")))

(unless (find-package "XOLOBOT\_ARM\_SERVER::EVALUATEDRIVER")

(make-package "XOLOBOT\_ARM\_SERVER::EVALUATEDRIVER"))

(unless (find-package "XOLOBOT\_ARM\_SERVER::EVALUATEDRIVERREQUEST")

(make-package "XOLOBOT\_ARM\_SERVER::EVALUATEDRIVERREQUEST"))

(unless (find-package "XOLOBOT\_ARM\_SERVER::EVALUATEDRIVERRESPONSE")

(make-package "XOLOBOT\_ARM\_SERVER::EVALUATEDRIVERRESPONSE"))

(in-package "ROS")

(defclass xolobot\_arm\_server::EvaluateDriverRequest

:super ros::object

:slots (\_weightsfile \_maxtime \_touchthreshold ))

(defmethod xolobot\_arm\_server::EvaluateDriverRequest

(:init

(&key

((:weightsfile \_\_weightsfile) "")

((:maxtime \_\_maxtime) 0)

((:touchthreshold \_\_touchthreshold) 0.0)

)

(send-super :init)

(setq \_weightsfile (string \_\_weightsfile))

(setq \_maxtime (round \_\_maxtime))

(setq \_touchthreshold (float \_\_touchthreshold))

self)

(:weightsfile

(&optional \_\_weightsfile)

(if \_\_weightsfile (setq \_weightsfile \_\_weightsfile)) \_weightsfile)

(:maxtime

(&optional \_\_maxtime)

(if \_\_maxtime (setq \_maxtime \_\_maxtime)) \_maxtime)

(:touchthreshold

(&optional \_\_touchthreshold)

(if \_\_touchthreshold (setq \_touchthreshold \_\_touchthreshold)) \_touchthreshold)

(:serialization-length

()

(+

;; string \_weightsfile

4 (length \_weightsfile)

;; int64 \_maxtime

8

;; float64 \_touchthreshold

8

))

(:serialize

(&optional strm)

(let ((s (if strm strm

(make-string-output-stream (send self :serialization-length)))))

;; string \_weightsfile

(write-long (length \_weightsfile) s) (princ \_weightsfile s)

;; int64 \_maxtime

#+(or :alpha :irix6 :x86\_64)

(progn (sys::poke \_maxtime (send s :buffer) (send s :count) :long) (incf (stream-count s) 8))

#-(or :alpha :irix6 :x86\_64)

(cond ((and (class \_maxtime) (= (length (\_maxtime . bv)) 2)) ;; bignum

(write-long (ash (elt (\_maxtime . bv) 0) 0) s)

(write-long (ash (elt (\_maxtime . bv) 1) -1) s))

((and (class \_maxtime) (= (length (\_maxtime . bv)) 1)) ;; big1

(write-long (elt (\_maxtime . bv) 0) s)

(write-long (if (>= \_maxtime 0) 0 #xffffffff) s))

(t ;; integer

(write-long \_maxtime s)(write-long (if (>= \_maxtime 0) 0 #xffffffff) s)))

;; float64 \_touchthreshold

(sys::poke \_touchthreshold (send s :buffer) (send s :count) :double) (incf (stream-count s) 8)

;;

(if (null strm) (get-output-stream-string s))))

(:deserialize

(buf &optional (ptr- 0))

;; string \_weightsfile

(let (n) (setq n (sys::peek buf ptr- :integer)) (incf ptr- 4) (setq \_weightsfile (subseq buf ptr- (+ ptr- n))) (incf ptr- n))

;; int64 \_maxtime

#+(or :alpha :irix6 :x86\_64)

(setf \_maxtime (prog1 (sys::peek buf ptr- :long) (incf ptr- 8)))

#-(or :alpha :irix6 :x86\_64)

(setf \_maxtime (let ((b0 (prog1 (sys::peek buf ptr- :integer) (incf ptr- 4)))

(b1 (prog1 (sys::peek buf ptr- :integer) (incf ptr- 4))))

(cond ((= b1 -1) b0)

((and (= b1 0)

(<= lisp::most-negative-fixnum b0 lisp::most-positive-fixnum))

b0)

((= b1 0) (make-instance bignum :size 1 :bv (integer-vector b0)))

(t (make-instance bignum :size 2 :bv (integer-vector b0 (ash b1 1)))))))

;; float64 \_touchthreshold

(setq \_touchthreshold (sys::peek buf ptr- :double)) (incf ptr- 8)

;;

self)

)

(defclass xolobot\_arm\_server::EvaluateDriverResponse

:super ros::object

:slots (\_time \_dist2go \_damage \_energy \_velocity \_crashRisk ))

(defmethod xolobot\_arm\_server::EvaluateDriverResponse

(:init

(&key

((:time \_\_time) 0.0)

((:dist2go \_\_dist2go) 0.0)

((:damage \_\_damage) 0.0)

((:energy \_\_energy) 0.0)

((:velocity \_\_velocity) 0.0)

((:crashRisk \_\_crashRisk) 0.0)

)

(send-super :init)

(setq \_time (float \_\_time))

(setq \_dist2go (float \_\_dist2go))

(setq \_damage (float \_\_damage))

(setq \_energy (float \_\_energy))

(setq \_velocity (float \_\_velocity))

(setq \_crashRisk (float \_\_crashRisk))

self)

(:time

(&optional \_\_time)

(if \_\_time (setq \_time \_\_time)) \_time)

(:dist2go

(&optional \_\_dist2go)

(if \_\_dist2go (setq \_dist2go \_\_dist2go)) \_dist2go)

(:damage

(&optional \_\_damage)

(if \_\_damage (setq \_damage \_\_damage)) \_damage)

(:energy

(&optional \_\_energy)

(if \_\_energy (setq \_energy \_\_energy)) \_energy)

(:velocity

(&optional \_\_velocity)

(if \_\_velocity (setq \_velocity \_\_velocity)) \_velocity)

(:crashRisk

(&optional \_\_crashRisk)

(if \_\_crashRisk (setq \_crashRisk \_\_crashRisk)) \_crashRisk)

(:serialization-length

()

(+

;; float64 \_time

8

;; float64 \_dist2go

8

;; float64 \_damage

8

;; float64 \_energy

8

;; float64 \_velocity

8

;; float64 \_crashRisk

8

))

(:serialize

(&optional strm)

(let ((s (if strm strm

(make-string-output-stream (send self :serialization-length)))))

;; float64 \_time

(sys::poke \_time (send s :buffer) (send s :count) :double) (incf (stream-count s) 8)

;; float64 \_dist2go

(sys::poke \_dist2go (send s :buffer) (send s :count) :double) (incf (stream-count s) 8)

;; float64 \_damage

(sys::poke \_damage (send s :buffer) (send s :count) :double) (incf (stream-count s) 8)

;; float64 \_energy

(sys::poke \_energy (send s :buffer) (send s :count) :double) (incf (stream-count s) 8)

;; float64 \_velocity

(sys::poke \_velocity (send s :buffer) (send s :count) :double) (incf (stream-count s) 8)

;; float64 \_crashRisk

(sys::poke \_crashRisk (send s :buffer) (send s :count) :double) (incf (stream-count s) 8)

;;

(if (null strm) (get-output-stream-string s))))

(:deserialize

(buf &optional (ptr- 0))

;; float64 \_time

(setq \_time (sys::peek buf ptr- :double)) (incf ptr- 8)

;; float64 \_dist2go

(setq \_dist2go (sys::peek buf ptr- :double)) (incf ptr- 8)

;; float64 \_damage

(setq \_damage (sys::peek buf ptr- :double)) (incf ptr- 8)

;; float64 \_energy

(setq \_energy (sys::peek buf ptr- :double)) (incf ptr- 8)

;; float64 \_velocity

(setq \_velocity (sys::peek buf ptr- :double)) (incf ptr- 8)

;; float64 \_crashRisk

(setq \_crashRisk (sys::peek buf ptr- :double)) (incf ptr- 8)

;;

self)

)

(defclass xolobot\_arm\_server::EvaluateDriver

:super ros::object

:slots ())

(setf (get xolobot\_arm\_server::EvaluateDriver :md5sum-) "6abca6379b4838beaac4cbca82c88812")

(setf (get xolobot\_arm\_server::EvaluateDriver :datatype-) "xolobot\_arm\_server/EvaluateDriver")

(setf (get xolobot\_arm\_server::EvaluateDriver :request) xolobot\_arm\_server::EvaluateDriverRequest)

(setf (get xolobot\_arm\_server::EvaluateDriver :response) xolobot\_arm\_server::EvaluateDriverResponse)

(defmethod xolobot\_arm\_server::EvaluateDriverRequest

(:response () (instance xolobot\_arm\_server::EvaluateDriverResponse :init)))

(setf (get xolobot\_arm\_server::EvaluateDriverRequest :md5sum-) "6abca6379b4838beaac4cbca82c88812")

(setf (get xolobot\_arm\_server::EvaluateDriverRequest :datatype-) "xolobot\_arm\_server/EvaluateDriverRequest")

(setf (get xolobot\_arm\_server::EvaluateDriverRequest :definition-)

"string weightsfile

int64 maxtime

float64 touchthreshold

---

float64 time

float64 dist2go

float64 damage

float64 energy

float64 velocity

float64 crashRisk

")

(setf (get xolobot\_arm\_server::EvaluateDriverResponse :md5sum-) "6abca6379b4838beaac4cbca82c88812")

(setf (get xolobot\_arm\_server::EvaluateDriverResponse :datatype-) "xolobot\_arm\_server/EvaluateDriverResponse")

(setf (get xolobot\_arm\_server::EvaluateDriverResponse :definition-)

"string weightsfile

int64 maxtime

float64 touchthreshold

---

float64 time

float64 dist2go

float64 damage

float64 energy

float64 velocity

float64 crashRisk

")

(provide :xolobot\_arm\_server/EvaluateDriver "6abca6379b4838beaac4cbca82c88812")