;; Auto-generated. Do not edit!

(when (boundp 'ur\_msgs::ToolDataMsg)

(if (not (find-package "UR\_MSGS"))

(make-package "UR\_MSGS"))

(shadow 'ToolDataMsg (find-package "UR\_MSGS")))

(unless (find-package "UR\_MSGS::TOOLDATAMSG")

(make-package "UR\_MSGS::TOOLDATAMSG"))

(in-package "ROS")

;;//! \htmlinclude ToolDataMsg.msg.html

(intern "\*ANALOG\_INPUT\_RANGE\_CURRENT\*" (find-package "UR\_MSGS::TOOLDATAMSG"))

(shadow '\*ANALOG\_INPUT\_RANGE\_CURRENT\* (find-package "UR\_MSGS::TOOLDATAMSG"))

(defconstant ur\_msgs::ToolDataMsg::\*ANALOG\_INPUT\_RANGE\_CURRENT\* 0)

(intern "\*ANALOG\_INPUT\_RANGE\_VOLTAGE\*" (find-package "UR\_MSGS::TOOLDATAMSG"))

(shadow '\*ANALOG\_INPUT\_RANGE\_VOLTAGE\* (find-package "UR\_MSGS::TOOLDATAMSG"))

(defconstant ur\_msgs::ToolDataMsg::\*ANALOG\_INPUT\_RANGE\_VOLTAGE\* 1)

(intern "\*TOOL\_BOOTLOADER\_MODE\*" (find-package "UR\_MSGS::TOOLDATAMSG"))

(shadow '\*TOOL\_BOOTLOADER\_MODE\* (find-package "UR\_MSGS::TOOLDATAMSG"))

(defconstant ur\_msgs::ToolDataMsg::\*TOOL\_BOOTLOADER\_MODE\* 249)

(intern "\*TOOL\_RUNNING\_MODE\*" (find-package "UR\_MSGS::TOOLDATAMSG"))

(shadow '\*TOOL\_RUNNING\_MODE\* (find-package "UR\_MSGS::TOOLDATAMSG"))

(defconstant ur\_msgs::ToolDataMsg::\*TOOL\_RUNNING\_MODE\* 253)

(intern "\*TOOL\_IDLE\_MODE\*" (find-package "UR\_MSGS::TOOLDATAMSG"))

(shadow '\*TOOL\_IDLE\_MODE\* (find-package "UR\_MSGS::TOOLDATAMSG"))

(defconstant ur\_msgs::ToolDataMsg::\*TOOL\_IDLE\_MODE\* 255)

(defclass ur\_msgs::ToolDataMsg

:super ros::object

:slots (\_analog\_input\_range2 \_analog\_input\_range3 \_analog\_input2 \_analog\_input3 \_tool\_voltage\_48v \_tool\_output\_voltage \_tool\_current \_tool\_temperature \_tool\_mode ))

(defmethod ur\_msgs::ToolDataMsg

(:init

(&key

((:analog\_input\_range2 \_\_analog\_input\_range2) 0)

((:analog\_input\_range3 \_\_analog\_input\_range3) 0)

((:analog\_input2 \_\_analog\_input2) 0.0)

((:analog\_input3 \_\_analog\_input3) 0.0)

((:tool\_voltage\_48v \_\_tool\_voltage\_48v) 0.0)

((:tool\_output\_voltage \_\_tool\_output\_voltage) 0)

((:tool\_current \_\_tool\_current) 0.0)

((:tool\_temperature \_\_tool\_temperature) 0.0)

((:tool\_mode \_\_tool\_mode) 0)

)

(send-super :init)

(setq \_analog\_input\_range2 (round \_\_analog\_input\_range2))

(setq \_analog\_input\_range3 (round \_\_analog\_input\_range3))

(setq \_analog\_input2 (float \_\_analog\_input2))

(setq \_analog\_input3 (float \_\_analog\_input3))

(setq \_tool\_voltage\_48v (float \_\_tool\_voltage\_48v))

(setq \_tool\_output\_voltage (round \_\_tool\_output\_voltage))

(setq \_tool\_current (float \_\_tool\_current))

(setq \_tool\_temperature (float \_\_tool\_temperature))

(setq \_tool\_mode (round \_\_tool\_mode))

self)

(:analog\_input\_range2

(&optional \_\_analog\_input\_range2)

(if \_\_analog\_input\_range2 (setq \_analog\_input\_range2 \_\_analog\_input\_range2)) \_analog\_input\_range2)

(:analog\_input\_range3

(&optional \_\_analog\_input\_range3)

(if \_\_analog\_input\_range3 (setq \_analog\_input\_range3 \_\_analog\_input\_range3)) \_analog\_input\_range3)

(:analog\_input2

(&optional \_\_analog\_input2)

(if \_\_analog\_input2 (setq \_analog\_input2 \_\_analog\_input2)) \_analog\_input2)

(:analog\_input3

(&optional \_\_analog\_input3)

(if \_\_analog\_input3 (setq \_analog\_input3 \_\_analog\_input3)) \_analog\_input3)

(:tool\_voltage\_48v

(&optional \_\_tool\_voltage\_48v)

(if \_\_tool\_voltage\_48v (setq \_tool\_voltage\_48v \_\_tool\_voltage\_48v)) \_tool\_voltage\_48v)

(:tool\_output\_voltage

(&optional \_\_tool\_output\_voltage)

(if \_\_tool\_output\_voltage (setq \_tool\_output\_voltage \_\_tool\_output\_voltage)) \_tool\_output\_voltage)

(:tool\_current

(&optional \_\_tool\_current)

(if \_\_tool\_current (setq \_tool\_current \_\_tool\_current)) \_tool\_current)

(:tool\_temperature

(&optional \_\_tool\_temperature)

(if \_\_tool\_temperature (setq \_tool\_temperature \_\_tool\_temperature)) \_tool\_temperature)

(:tool\_mode

(&optional \_\_tool\_mode)

(if \_\_tool\_mode (setq \_tool\_mode \_\_tool\_mode)) \_tool\_mode)

(:serialization-length

()

(+

;; int8 \_analog\_input\_range2

1

;; int8 \_analog\_input\_range3

1

;; float64 \_analog\_input2

8

;; float64 \_analog\_input3

8

;; float32 \_tool\_voltage\_48v

4

;; uint8 \_tool\_output\_voltage

1

;; float32 \_tool\_current

4

;; float32 \_tool\_temperature

4

;; uint8 \_tool\_mode

1

))

(:serialize

(&optional strm)

(let ((s (if strm strm

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

;; int8 \_analog\_input\_range2

(write-byte \_analog\_input\_range2 s)

;; int8 \_analog\_input\_range3

(write-byte \_analog\_input\_range3 s)

;; float64 \_analog\_input2

(sys::poke \_analog\_input2 (send s :buffer) (send s :count) :double) (incf (stream-count s) 8)

;; float64 \_analog\_input3

(sys::poke \_analog\_input3 (send s :buffer) (send s :count) :double) (incf (stream-count s) 8)

;; float32 \_tool\_voltage\_48v

(sys::poke \_tool\_voltage\_48v (send s :buffer) (send s :count) :float) (incf (stream-count s) 4)

;; uint8 \_tool\_output\_voltage

(write-byte \_tool\_output\_voltage s)

;; float32 \_tool\_current

(sys::poke \_tool\_current (send s :buffer) (send s :count) :float) (incf (stream-count s) 4)

;; float32 \_tool\_temperature

(sys::poke \_tool\_temperature (send s :buffer) (send s :count) :float) (incf (stream-count s) 4)

;; uint8 \_tool\_mode

(write-byte \_tool\_mode s)

;;

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

(:deserialize

(buf &optional (ptr- 0))

;; int8 \_analog\_input\_range2

(setq \_analog\_input\_range2 (sys::peek buf ptr- :char)) (incf ptr- 1)

(if (> \_analog\_input\_range2 127) (setq \_analog\_input\_range2 (- \_analog\_input\_range2 256)))

;; int8 \_analog\_input\_range3

(setq \_analog\_input\_range3 (sys::peek buf ptr- :char)) (incf ptr- 1)

(if (> \_analog\_input\_range3 127) (setq \_analog\_input\_range3 (- \_analog\_input\_range3 256)))

;; float64 \_analog\_input2

(setq \_analog\_input2 (sys::peek buf ptr- :double)) (incf ptr- 8)

;; float64 \_analog\_input3

(setq \_analog\_input3 (sys::peek buf ptr- :double)) (incf ptr- 8)

;; float32 \_tool\_voltage\_48v

(setq \_tool\_voltage\_48v (sys::peek buf ptr- :float)) (incf ptr- 4)

;; uint8 \_tool\_output\_voltage

(setq \_tool\_output\_voltage (sys::peek buf ptr- :char)) (incf ptr- 1)

;; float32 \_tool\_current

(setq \_tool\_current (sys::peek buf ptr- :float)) (incf ptr- 4)

;; float32 \_tool\_temperature

(setq \_tool\_temperature (sys::peek buf ptr- :float)) (incf ptr- 4)

;; uint8 \_tool\_mode

(setq \_tool\_mode (sys::peek buf ptr- :char)) (incf ptr- 1)

;;

self)

)

(setf (get ur\_msgs::ToolDataMsg :md5sum-) "404fc266f37d89f75b372d12fa94a122")

(setf (get ur\_msgs::ToolDataMsg :datatype-) "ur\_msgs/ToolDataMsg")

(setf (get ur\_msgs::ToolDataMsg :definition-)

"# This data structure contains the ToolData structure

# used by the Universal Robots controller

int8 ANALOG\_INPUT\_RANGE\_CURRENT = 0

int8 ANALOG\_INPUT\_RANGE\_VOLTAGE = 1

int8 analog\_input\_range2 # one of ANALOG\_INPUT\_RANGE\_\*

int8 analog\_input\_range3 # one of ANALOG\_INPUT\_RANGE\_\*

float64 analog\_input2

float64 analog\_input3

float32 tool\_voltage\_48v

uint8 tool\_output\_voltage

float32 tool\_current

float32 tool\_temperature

uint8 TOOL\_BOOTLOADER\_MODE = 249

uint8 TOOL\_RUNNING\_MODE = 253

uint8 TOOL\_IDLE\_MODE = 255

uint8 tool\_mode # one of TOOL\_\*

")

(provide :ur\_msgs/ToolDataMsg "404fc266f37d89f75b372d12fa94a122")