

## Colony - Task #183

### Write Encoder Library

01/21/2008 08:36 PM - Kevin Woo

<b>Status:</b>	Fixed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Brad Neuman	<b>% Done:</b>	0%
<b>Category:</b>	Hardware	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Encoders		
<b>Description</b>			
Parse encoder packets and provide functions to utilize the encoder data.			

#### History

##### #1 - 02/13/2008 03:38 PM - Kevin Woo

- Use timer to grab encoder data at regular intervals
  - Use the interrupt to split and store the left and right encoder data separately
  - Determine direction of wheel in interrupt
    - 1 is forward, 0 is backward?
- Function to return an int -> [1 bit direction | 5 blank bits | 10 bits encoder data]
  - function should take in which encoder

##### #2 - 01/16/2009 06:14 PM - Kevin Woo

- Status changed from Assigned to 5

##### #3 - 03/12/2009 01:03 PM - Kevin Woo

- Tracker changed from Enhancement to Task

##### #4 - 03/21/2009 12:45 PM - Rich Hong

- Status changed from 5 to Fixed

##### #5 - 03/21/2009 12:49 PM - Rich Hong

- Category set to 24