Appendix 0

AbstractButton()
AbstractButton_swigregister()
AbstractTextButton()
AbstractTextButton_swigregister()
AccelX()
AccelX_swigregister()
AccelY()
AccelY_swigregister()
AccelZ()
AccelZ_swigregister()
Acceleration()
Acceleration_calibrate()
Acceleration_swigregister()
Acceleration_x()
Acceleration_y()
Acceleration_z()
Analog()
Analog10()
Analog10_swigregister()
Analog8()
Analog8_swigregister()
Analog_swigregister()
BGR
BackEMF()
BackEMF_swigregister()
Battery()
Battery_isCharging()
Battery_powerLevel()
Battery_rawPowerADC()
Battery_swigregister()
Baud115200
Baud57600
BoolSensor()
BoolSensor_swigregister()
Config()
Config_load()
Config_swigregister()
Digital()
Digital_swigregister()
ExtraButtons()
ExtraButtons_hide()
ExtraButtons_isShown()
ExtraButtons_setShown()
ExtraButtons_show()
ExtraButtons_swigregister()
HIGH_RES
Hsv()
Hsv_swigregister()
IdButton()
IdButton_swigregister()
IntSensor()
IntSensor_swigregister()
LOW_RES
MED_RES
Motor()
Motor_swigregister()
Mutex()
Mutex_swigregister()
NATIVE_RES
RGB
Rgb()
Rgb_swigregister()
Servo()
Servo_swigregister()
ShortSensor()
ShortSensor_swigregister()
Thread()
Thread_swigregister()
UnsignedShortSensor()
UnsignedShortSensor_swigregister()
a_button()
a_button_clicked()
accel_calibrate()
accel_x()
accel_y()
accel_z()
all
alloff()
analog12()
analog_et()
any_button()
ao()
b_button()
b_button_clicked()
battery_charging()
beep()
bk()
black_button()
block_motor_done()
bmd()
c_button()
c_button_clicked()
camera_close()
camera_load_config()
camera_open()
camera_open_at_res()
camera_open_device()
camera_update()
clear_motor_position_counter()
cmpc()
console_clear()
create_advance_led()
create_clear_serial_buffer()
create_connect()
create_connect_once()
create_cover()
create_cover_dock()
create_demo()
create_digital_output()
create_disconnect()
create_drive()
create_drive_direct()
create_drive_straight()
create_full()
create_load_song()
create_low_side_drivers()
create_passive()
create_play_led()
create_play_song()

create_point2()
create_point3()
create_power_led()
create_pwm_low_side_drivers()
create_read_block()
create_rectangle()
create_safe()
create_spin_CCW()
create_spin_CW()
create_spin_block()
create_spot()
create_start()
create_stop()
create_write_byte()
cvar
disable_servo()
disable_servos()
enable_servo()
enable_servos()
extra_buttons_hide()
extra_buttons_show()
fd()
freeze()
freeze_halt()
get_analog_pullup()
get_camera_element_size()
get_camera_frame()
get_camera_frame_row()
get_camera_height()
get_camera_pixel()
get_camera_width()
get_channel_count()
get_code_num()
get_create_advance_button()
get_create_battery_capacity()
get_create_battery_charge()
get_create_battery_charging_state()
get_create_battery_current()
get_create_battery_temp()
get_create_battery_voltage()
get_create_baud_rate()
get_create_bay_AI()
get_create_bay_DI()
get_create_cwdrop()
get_create_distance()
get_create_infrared()
get_create_lbump()
get_create_lcliff()
get_create_lcliff_amt()
get_create_lclightbump()
get_create_lclightbump_amt()
get_create_lfcliff()
get_create_lfcliff_amt()
get_create_lflightbump()
get_create_lflightbump_amt()
get_create_llightbump()
get_create_llightbump_amt()
get_create_lwdrop()
get_create_mode()
get_create_normalized_angle()
get_create_number_of_stream_packets()
get_create_overcurrents()
get_create_play_button()
get_create_rbump()
get_create_rcliff()
get_create_rcliff_amt()
get_create_rclightbump()
get_create_rclightbump_amt()
get_create_requested_left_velocity()
get_create_requested_radius()
get_create_requested_right_velocity()
get_create_requested_velocity()
get_create_rfcliff()
get_create_rfcliff_amt()
get_create_rflightbump()
get_create_rflightbump_amt()
get_create_rlightbump()
get_create_rlightbump_amt()
get_create_rwdrop()
get_create_song_number()
get_create_song_playing()
get_create_total_angle()
get_create_vwall()
get_create_wall()
get_create_wall_amt()
get_digital_output()
get_digital_pullup()
get_digital_value()
get_extra_buttons_visible()
get_key_state()
get_motor_done()
get_motor_position_counter()
get_mouse_left_button()
get_mouse_middle_button()
get_mouse_position()
get_mouse_right_button()
get_object_area()
get_object_bbox()
get_object_bbox_brx()
get_object_bbox_bry()
get_object_bbox_height()
get_object_bbox_ulx()
get_object_bbox_uly()
get_object_bbox_width()
get_object_center()
get_object_center_column()
get_object_center_row()
get_object_center_x()
get_object_center_y()
get_object_centroid()
get_object_centroid_column()
get_object_centroid_row()
get_object_centroid_x()
get_object_centroid_y()
get_object_confidence()
get_object_count()

get_object_data()
get_object_data_length()
get_pid_gains()
get_servo_enabled()
get_servo_position()
getpwm()
gmpc()
graphics_blit()
graphics_blit_enc()
graphics_blit_region()
graphics_blit_region_enc()
graphics_circle()
graphics_circle_fill()
graphics_clear()
graphics_close()
graphics_fill()
graphics_line()
graphics_open()
graphics_pixel()
graphics_rectangle()
graphics_rectangle_fill()
graphics_triangle()
graphics_triangle_fill()
graphics_update()
halt()
left_button()
mav()
motor_power()
move_at_velocity()
move_relative_position()
move_to_position()
mrp()
msleep()
mtp()
mutex_create()
mutex_destroy()
mutex_lock()
mutex_trylock()
mutex_unlock()
off()
pixel()
pixel_swigregister()
point2()
point2_swigregister()
point3()
point3_swigregister()
power_level()
power_level_life()
power_level_lipo()
power_level_nimh()
publish()
rectangle()
rectangle_swigregister()
right_button()
seconds()
set_a_button_text()
set_analog_pullup()
set_auto_publish()
set_b_button_text()
set_c_button_text()
set_camera_config_base_path()
set_camera_height()
set_camera_width()
set_create_baud_rate()
set_create_distance()
set_create_normalized_angle()
set_create_total_angle()
set_digital_output()
set_digital_pullup()
set_digital_value()
set_extra_buttons_visible()
set_pid_gains()
set_servo_enabled()
set_servo_position()
set_x_button_text()
set_y_button_text()
set_z_button_text()
setpwm()
shut_down_in()
side_button()
side_button_clicked()
systime()
thread_create()
thread_destroy()
thread_start()
thread_wait()
wait_for_light()
x_button()
x_button_clicked()
y_button()
y_button_clicked()
z_button()
z_button_clicked()

Appendix 1

Run	Team C	Team Python
1	1:07	1:09
2	1:02	1:01
3	1:21	1:13
4	0:51	1:02
5	1:41	1:06
6	1:16	1:04
7	1:05	0:57
8	1:12	1:07
9	1:57	1:10
10	1:11	1:18

Calculation on Texas Instruments TI-Nspire CX CAS:
tTest_2Samp {67,62,81,51,101,76,65,72,117,71},{69,61,73,62,66,64,57,72,70,83},1,1,1,0: stat.results
["Title","2-Sample t Test"]
["Alternate Hyp","μ1 > μ2"]
["t",1.49037]
["PVal",0.08239]
["df",10.7857]
["$\bar{x}$1",76.3]
["$\bar{x}$2",66.7]
["sx1",19.4196]
["sx2",6.14727]
["n1",10.]
["n2",10.]