

```

/* Types */
typedef double speed_t;

typedef enum {
    FORWARD,
    BACKWARD,
} dir_t;

typedef double pos_t;
typedef double angle_t;

typedef struct
{
    pos_t x;
    pos_t y;
    angle_t angle;
} pos_with_angle_t;

API
void asser_go_xy(pos_t x, pos_t y, speed_t speed, speed_t end_speed, dir_t direction);
void asser_go_relative(pos_t x, pos_t y, speed_t speed, speed_t end_speed, dir_t direction);
void asser_go_approx(pos_t distance, speed_t speed, dir_t direction);
void asser_pause(void);
void asser_restart(void);
pos_with_angle_t asser_get_pos(void);
boolean asser_get_state(void);
void asser_reset(void);
void asser_set_strategy_pid(pid_t pid);
int asser_get_fifo_depth(void);
void asser_set_motors(int left, int right, boolean brake_left, boolean brake_right);

```