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/**
 * @file autoHerb.c
 * @brief The autonomous for placing an animal in the herbivore bin
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 *
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 */

#include "../include/auto.h"

void autoHerb(Direction d);

void autoHerbLeft() {
    autoHerb(dLeft);
} /* autoHerbLeft */

void autoHerbRight() {
    autoHerb(dRight);
} /* autoHerbRight */

void autoHerb(Direction d) {
    for (size_t i = 0; i < 2; i++) {
        driveSettings[i].max = -(driveSettings[i].min = -30);
        gyroSettings[i].max = -(gyroSettings[i].min = -35);
    }

    turnTo(20 * d, 1500);
    resetDrive();

    driveToPosition(-1400, -1400, 3500);

    turnTo(-90 * d, 2300);
    resetDrive();

    for (size_t i = 0; i < 2; i++) {

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        driveSettings[i].max = -(driveSettings[i].min = -127);
        gyroSettings[i].max  = -(gyroSettings[i].min  = -127);
    }

    driveSet(-127, -127);
    delay(275);
    driveToPosition(-600, -600, 1850);
}
```