

KBSW180123 Win32-

go_home_charge,

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- - Visual Studio 2010 SP1
 - Slamware Windows SDK:[Slamware Windows SDK](#)
 - RoboStudio():[Robostudio installer](#)
 - Sample Code:

 Visual Studio
Visual Studio 2010SP1.Net FrameworkSP1

- - Slamware SDP mini
 - Slamware Slamware
 - Apollo/Ares/Athena

Win32-

1. samplesgo_home_to_charge, StartUp project

-  Solution 'samples' (9 projects)
- >  artifacts_demo
 - >  composite_map_demo
 - >  configure_network_demo
 - >  get_laser_scan
 - >  get_power_status
 - >  get_sensor_value
 - >  **go_home_to_charge**
 - >  move_to_spot
 - >  rotation_action_demo

2. go_home_to_charge, Slamware SDK includelib

 Slamware SDKincludelibVisual Studio


```
const int max_go_home_times = 3;
SlamwareCorePlatform sdp = SlamwareCorePlatform::connect(argv[1], 1445);
std::cout << "SDK Version: " << sdp.getSDKVersion() << std::endl;
std::cout << "SDP Version: " << sdp.getSDPVersion() << std::endl;
int go_home_count = 1;
rpos::actions::MoveAction action;
do {
    action = sdp.goHome();
    action.waitUntilDone();
    if(action.getStatus() == rpos::core::ActionStatusFinished)
        break;
    std::cout << "go home to charge times count: " << go_home_count << std::endl;
    go_home_count++;
}
while(go_home_count <= max_go_home_times);
```