

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

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

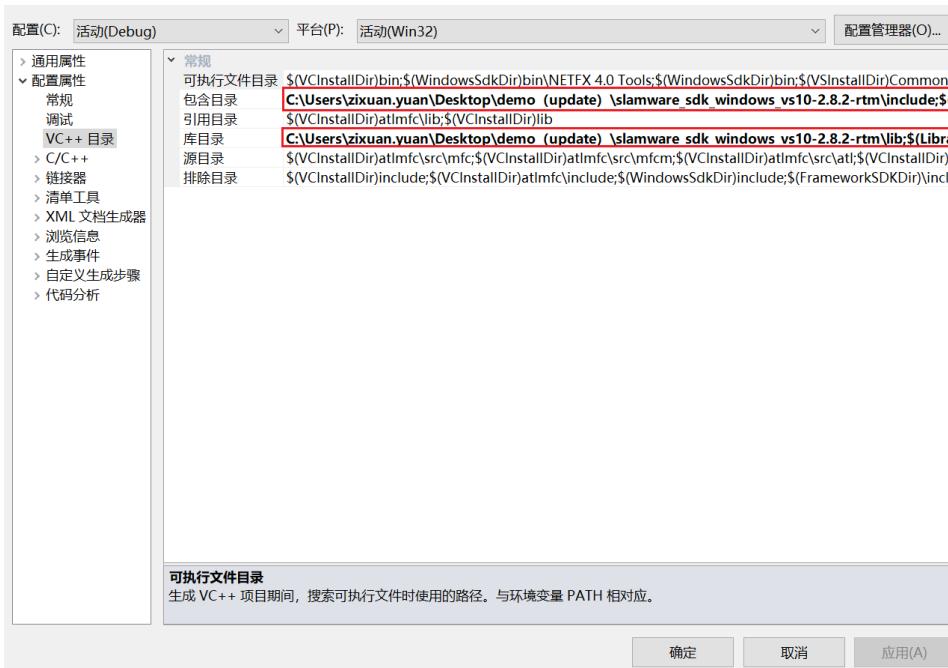
Win32-

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

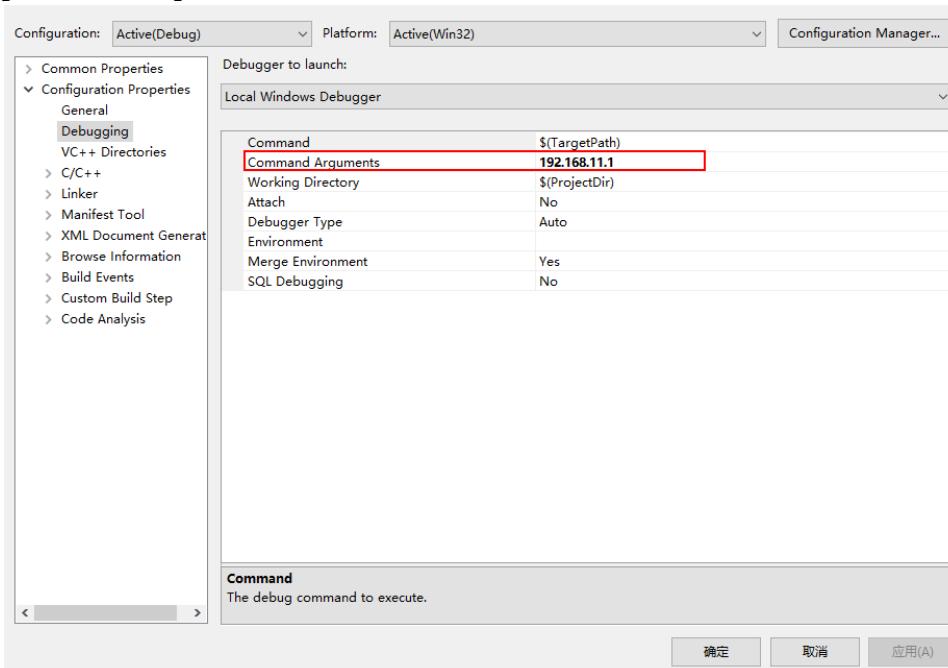
2. go_home_to_charge, Slamware SDK includelib



Slamware SDKincludelibVisual Studio



3. go_home_to_charge, Debugging command Arguments 192.168.11.1
go_home_to_charge <IP address>



4. F5
5. Robostudio
Your browser does not support the HTML5 video element

- goHome()

goHome()

```
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);
```