KBSW183301 win32-

virtual_track_with_oa, 1. 2.

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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-

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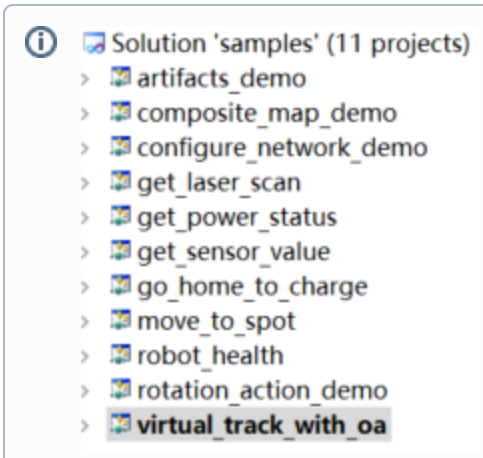
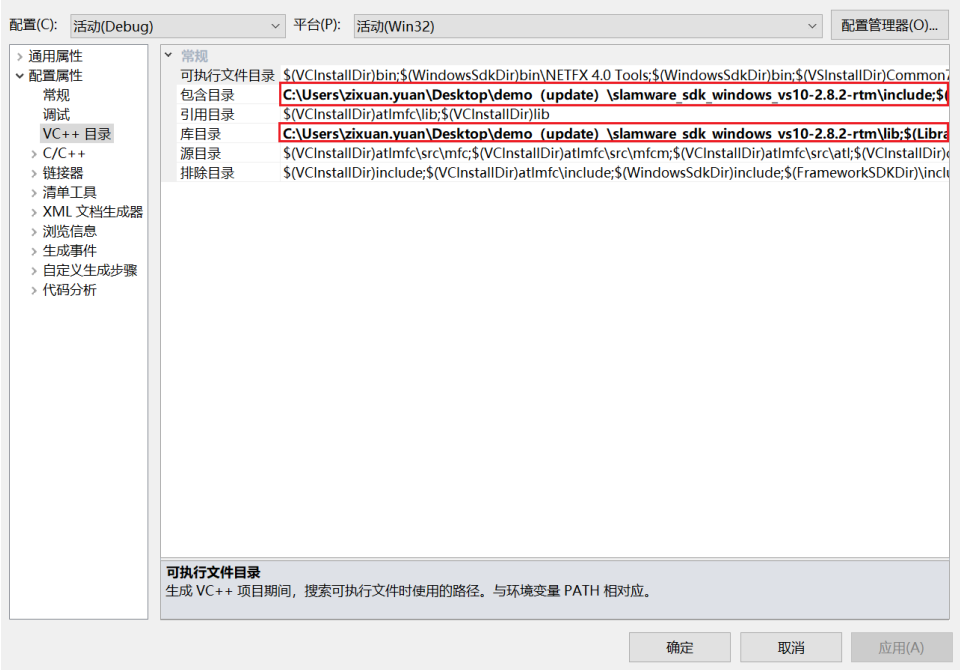
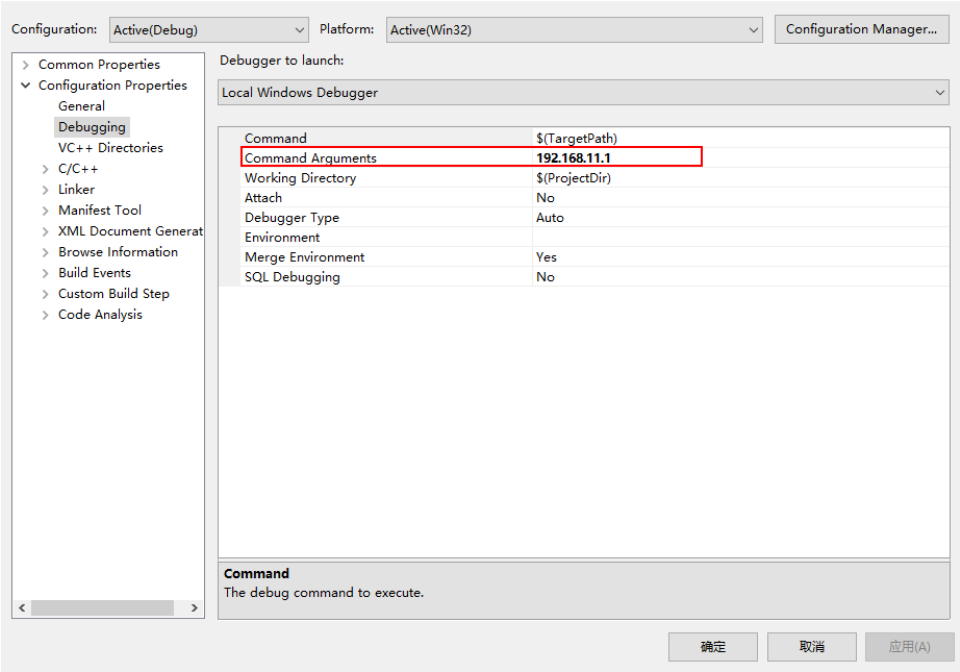
1. **samplesvirtual_track_with_oa StartUp project**
2. **virtual_track_with_oa, Slamware SDK includelib**



Slamware SDKincludelibVisual Studio



3. **virtual_track_with_oa, Debuggingcommand Arguments 192.168.11.1**
   virtual_track_with_oa <IP address>



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

- x6

```
                SlamwareCorePlatform sdp = SlamwareCorePlatform::connect(ip_address, 1445);
                std::cout <<"SDK Version: " << sdp.getSDKVersion() << std::endl;
                std::cout <<"SDP Version: " << sdp.getSDPVersion() << std::endl;

                //draw a 6 meter virtual track
                rpos::core::Pose sdp_pos = sdp.getPose();
                rpos::core::Line line(rpos::core::Point(sdp_pos.x(), sdp_pos.y()),rpos::core::Point
(sdp_pos.x() + 6, sdp_pos.y()));
                sdp.addLine(ArtifactUsageVirtualTrack, line);

                rpos::actions::MoveAction action = sdp.getCurrentAction();
                if (action)
                        action.cancel();

                rpos::features::motion_planner::MoveOptions options;
                options.flag = MoveOptionFlag
(MoveOptionFlagKeyPointsWithOA|MoveOptionFlagKeyPoints|MoveOptionFlagMilestone);
                action = sdp.moveTo(rpos::core::Location(0, 0), options);
                action.waitUntilDone();
                if (action.getStatus() == rpos::core::ActionStatusError)
                        std::cout << "Action Failed: " << action.getReason() << std::endl;;
```