Building S60 SDK Examples in Carbide

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The article is believed to be still valid for the original topic scope.

This article shows how to build a working copy of **S60 SDK S60Ex** examples using Carbide.c++ IDE.

Overview

First copy SDK examples into your workspace and build your application based on them. The Emulator configurations work fine after moving but you must go through additional steps to build phone configurations successfully.

The steps were tested on Carbide.c++ Version 2.5.0 (Build v201003121520_100) for

- S60 3rd Edition SDK for Symbian OS, Maintenance Release
- S60 3rd Edition SDK FOR Symbian OS, Feature Pack 2 v1.1
- S60 5th Edition SDK v1.0

Steps

We are using the **helloworldbasic** example as an example.

1. Copy **helloworldbasic** folder into your workspace.
2. Import the project into the workspace.
    1. Choose **File->Import…->"Symbian OS Bld.inf file"** (under **"Symbian OS"**).
    2. Find **Bld.inf** in group folder of the working copy of **helloworldbasic**.
    3. Select build configurations. You can add new ones later.
3. Configure *SIS Builder* for phone configurations.
    1. Choose **Project->Properties->Carbide.c++->Build Configurations**.
    2. Choose a phone configuration.
    3. Add a **.pkg** file to **SIS Properties**. **.pkg** files are in **sis** folder. Check that selected **pkg** file has the same part in it's name ("GCCE" or "ARM") as the selected configuration has. Make sure that "**Self sign sis file**" option is chosen.
4. Edit the selected **.pkg** file. Replace "..\..\..\" with "*$(EPOCROOT)*" in all paths.
5. The End.

Testing

To test settings and changes

1. Make the sample specific changes (if necessary) . For **helloworldbasic**, we delete lines with absent resource files (**.r09,.r31,.r32**) from the **.pkg** file.
2. Build the project in the selected configuration.
3. Check that **.sis** and **.sisx** files are created in the **sis** folder of the project.
4. Install the created **sisx** file on your phone with **Nokia Application Installer** in **Nokia PC Suite**. Answer phone specific questions and warnings during the installation. To install an application your phone must be configured in the proper way. For the Nokia E61, for instance, choose **Menu->Settings->Tools->Application Manager->Options->Setiings** and set "'All *in the* Software installation *parameter of the Application Manager instead of default "Signed only*.
5. Check that the application icon is in **Menu->Installations** on the phone.
6. Select the application icon and press the selection key or choose **Options->Open** to run the application on the phone.
7. Select the application icon and choose **Options->Remove** to remove the application from the phone.

The End

Version Hint

Windows Phone: [[Category:Windows Phone]]
[[Category:Windows Phone 7.5]]

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