LPRF BLE Porting Projects

This wiki page explains necessary steps to port a project running on a certain stack version to a newer one. Depending on your needed libraries. TL (transport layer) is required, but should use _None

Porting BLEv1.2 Projects to BLEv1.3

- 1. Move (or Copy) the project files from *C:\Texas Instruments\BLE-CC254x-1.2\Projects\ble* to *C:\Texas Instruments\BLE-CC254x-1.3\Projects\ble*
- 2. Move (or Copy) the necessary profiles from *C:\Texas Instruments\BLE-CC254x-1.3\Projects\ble\Profiles* to *C:\Texas Instruments\BLE-CC254x-1.3\Projects\ble\Profiles*
- 3. Open the project and in the LIB group of the project.
 - 1. Remove all files
 - 2. Add CC254x_BLE.lib (or GAP role specific, for a more memory optimized library)
 - 3. Add CC254x_BLE_HCI_TL_None.lib for SoC solutions
- 4. Add NPI group (Right click in the workspace > "Add" > "Add Group..."). Add files npi.h, npi.c (npi_uart.c and npi spi.c as well if needed)
- 5. Go to "Project" > "Options" > "General Options" > "Target" > "Number of virtual registers": Set number to 16
- 6. Go to "Project" > "Options" > "C/C++ Compiler" > "Additional include directories": Add the line \$PROJ_DIR\$\..\.\common\npi\npi_np
- 7. Done

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