CC31xx SLS Getting started with WLAN Station

Overview and application details

This simple example code connects to a local access-point, checks for a valid IP connection, by pinging the gateway. It also checks for an internet connection by pinging to "www.ti.com".

For information on how to use Visual-Studio or Eclipse to compile and run this application, refer to 'Environment Setup' section of 'simplelink_studio_guide' in '<cc3100/>docs/app_notes' folder.

To use the CC3100 UART interface, define 'SL_IF_TYPE_UART' in the project's property. Change the COMM_PORT_NUM in 'main.c' to first com-port that gets enumurated for 'J1' of 'CC31xx FTDI Debug Brd'.

Source Files briefly explained

i. main - Initializes the device, connects to a AP and verifies the connection status

Usage

- Build and launch the project using VS or Eclipse
- The application requests user for the AP name and connects to the same

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   Note: It checks for a valid IP connection, by pinging the gateway.
It also checks for an internet connection by pinging to "www.ti.com"
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- On success, below message shall be displayed on the terminal

Limitations/Known Issues

None

Article Sources and Contributors

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