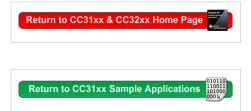
# CC31xx Get Weather Application

# Overview and application details

This sample application demonstrates how to connect to **openweathermap.org** server and request for weather details of a city. The application opens a TCP socket w/ the server and sends a HTTP **Get** request to get the weather details. The received data is processed and displayed on the console



Note: This wiki page is only applicable for CC3100-SDK v0.5.2 and upward releases. For documentation on older SDKs' examples, refer corresponding file in <cc3100-sdk-installation-location>\cc3100-sdk\docs\examples\'

## Source Files briefly explained

i. main - Initializes the device, connects to an AP, opens a TCP socket, requests and displays the weather information.

# **Usage**

Prerequisite: This application requires an access-point with internet connectivity

- Connect the board to a Windows-PC and configure the terminal-program for seeing the logs [I
   CC31xx\_&\_CC32xx\_Terminal\_Setting\_Wiki <sup>[1]</sup>] has detailed instructions for configuring the terminal-program
- Edit main.c and modify the values of below macros for the device to connect to the AP

```
#define SSID_NAME "<ap_name>"
#define SEC_TYPE SL_SEC_TYPE_OPEN
#define PASSKEY ""
```

• Edit below parameters in **main.c** for getting the weather information from server:

```
#define CITY_NAME "<city>"
```

- Build and launch the application
- See the self explanatory logs on the terminal-program's console.

```
The application connects to the weather-server and opens an TCP socket to communicate w/ it. It receives and processes the weather-information and displays it on the console
```

On success, below message will be displayed on the terminal

## **Limitations/Known Issues**

None

## References

[1] http://processors.wiki.ti.com/index.php/CC31xx\_&\_CC32xx\_Terminal\_Setting

# **Article Sources and Contributors**

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