

Things SDK with Dual Stack on Trizen/Ubuntu v1.0

Shivanshu

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STDK

- stdk is use to connect devices to SmartThings cloud (owned by Samsung)
- IoT core device library that allow device applications to securely connect to the SmartThings Cloud.

code

- <https://github.com/SmartThingsCommunity/st-device-sdk-c>
- <https://github.com/SmartThingsCommunity/st-device-sdk-c-ref> - reference guide

Matter

- project - smart home connectivity standard
- founder - connectivity standard alliance
- estab. - 18 dec 2019
- formerly called - CHIP - project connected home over IP

aims

- reduces fragmentation across diff. vendors
- data interoperability among smart home devices and iot platforms form different providers

info

- uses IP based standard
- device certification also using some specific set of ip based networking tech.

code

- <https://github.com/project-chip/connectedhomeip>

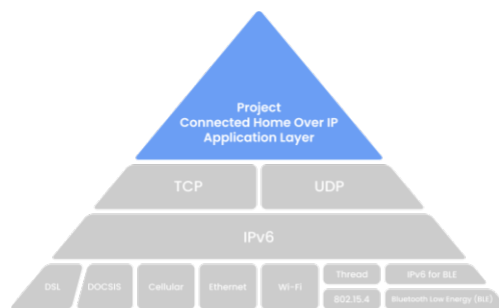


Figure 1: Architecture Overview