

dev_box_app_task.c
DevBox_App_Task()

Start

Wait forever for an event
on gDevBoxAppEvent

Event is a sensor
acquisition

True

Extract data from queue
to local history buffer

Write and/or notify
corresponding BLE
services with latest
values

Free resources
previously allocated by
tasks

False

Event is a
request to send a new
LoRaWAN
packet

False

Extract data from queue
to local history buffer

Apply command from
downlink message

Free resources
previously allocated by
LoRaWAN task

True

Event is a
downlink data from
LoRaWAN
network

False

Allocate packet buffer

Add data from local
history to packet

Send data to LoRaWAN
task through queue and
generate event

True

