

ChestBelt Android application

Overview
v1.3

Device management Activity
devices.DevicesListActivity

action_ask_connect
action_connection_success
action_device_disconnected
...

Visualisation activities

Dashboard activity
viewer.DashboardActivity

Heartrate activity
viewer.HeartRateActivity

...

Device management service
communication.BluetoothManagementService

ChestBelt Driver
org.thingml.chestbelt.driver.ChestBelt

Observer ↑ ChestBelt calls ↓

Graph Bufferizer
communication.ChestBeltBufferizer

Database Logger
.sensapp.ChestBeltDatabaseLogger

Chest belts

Corbys_1

Corbys_2

Bluetooth API

Android

SensApp
Android application

SensApp
Content Provider

Activity

Service

Function calls

Intents