+convertNmeaToGps(nmea:float): float +getTimestamp(): Timestamp Util

DataManager

sensorDataProviders: SensorDataProvider[

-sensorDataConsumers: SensorDataConsumer[]

.gpsProvider: GpsProvider

+addSensorDataProvider(SensorDataProvider)

GpsProvider

Controller object should call pause when there are no data providers.

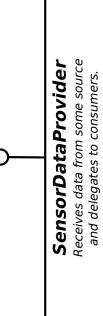
+getGpsInfo(): GpsInfo

+resume() +pause()

AndroidGpsProvider Gets GPS info from internal GPS chip of Android.

BluetoothSentenceProvider

Receives sentences from Bluetooth source.

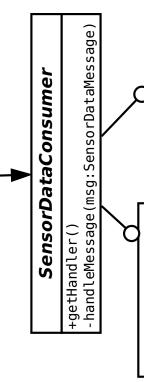


+addSensorDataConsumer(SensorDataConsumer) +setGpsProvider(GpsProvider) +start()

AndroidGpsInfo

+co2: float Co2Data

SensorData +name: String +velocity: float



DataUploader

+groundSpeedKnots: float

+lonNS: char +latNS: char

SensorDataMessage

+deviceInfo +timestamp +gpsInfo

+lon: float +lat: float GpsInfo

+trackDegrees: float

+checksum: String +utctime: float +utcdate: float

+sensorData

GprmcGpsInfo

DataViewei

See other page.

+username +loginURL

Uploads data to a web API. +storeURL

