

The Data Origin and Data Pipeline in Redback Company:

As I was new to Redback Operations, so I conducted some researches to comprehension the existing data pipeline to get a clear view of the data transport method in place, in which raw data is ingested from various data sources and then ported to data store/data warehouse, for analysis.

Here is the result of my research:

At Redback company we utilize “Contact Management System” (CMS). There is a Raspberry Pi in place which gets the data through the Bluetooth from bike’s sensors (Whaoo) in FIT format, and then this data is sent from Pi to the CMS, GCP, unity and mobile app

The protocol used for this data transport is MQTT.

