

# Linux App

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This is going to be an implementation of a linux app to display the telemetry data in real-time.

## Telemetry Packet Format:

- Mission (Bytes 0–4)
- ADC Data and Flags (Bytes 4–20)
- Accelerometer data (Bytes 21–26)
- Gyroscope data (Bytes 27–33)
- Altimeter (Bytes 34–38)
- GPS data (Bytes 38–58)

## Requirements

- Display / store GPS coordinates in real-time
- Display rocket state and deployment flags
- Display mission time
- Display Accelerometer / Gyroscope data
- Display location of Rocket and Payload on map(s)

## Tools

- Mono
- GTK#