



GPSData

latitude: doublelongitude: double

- time: std::string

Parser

+ ParseGPGGA(sentence:
 const std::string &,
 data:GPSData &): bool

SerialCommunication

- serial: QSerialPort

- portName: QString

- baudRate: int

- open(): bool

-waitForReadyRead():bool

- readAll(): QByteArray

DataProcessor

receivedData:

std::string

- maxReadings: int

- numberOfReadings: int



```
- ParseGPGGA(...): bool
- process(): void

OutputWriter

- outputFile:
    std::ofstream
- writeData(...): void
```

