NMEA Buffer Project

This project demonstrates a prototype NMEA buffer designed using an Arduino Mega and Uno. The Mega distributes data from one input to three outputs. The Uno sends test messages to simulate incoming data.

Configuration:

- Input: Serial3 on Mega (from Uno)

- Outputs: Serial, Serial2, and Serial3

- Data is also echoed back to Serial2 for testing purposes

- Baud rate is configurable and can be set to any value supported by the Arduino

Features:

- Baud rate tracking

- Simple serial forwarding

- Diagnostic messages for monitoring

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