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# GPS NMEA Parser

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Welcome to the documentation for version latest-develop.

GPS NMEA Parser is lightweight, platform independent library to parse NMEA statements from GPS receivers. It is highly optimized for embedded systems.

[download\\_library](#) · [getting\\_started](#) · [Open Github](#)



## FEATURES

- Written in ANSI C99
- Platform independent, easy to use
- Built-in support for 4 GPS statements
  - GPGGGA or GNGGA: GPS fix data
  - GPGSA or GNGSA: GPS active satellites and dillusion of position
  - GPGSV or GNGSV: List of satellites in view zone
  - GPRMC or GNRMC: Recommended minimum specific GPS/Transit data
- Optional `float` or `double` floating point units
- Low-level layer is separated from application layer, thus allows you to add custom communication with GPS device
- Works with operating systems
- Works with different communication interfaces
- User friendly MIT license





## REQUIREMENTS

- C compiler
- Driver for receiving data from GPS receiver
- Few *kB* of non-volatile memory



## CONTRIBUTE

Fresh contributions are always welcome. Simple instructions to proceed:

1. Fork Github repository
2. Respect `C style & coding rules` used by the library
3. Create a pull request to `develop` branch with new features or bug fixes

Alternatively you may:

1. Report a bug
2. Ask for a feature request



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