

# FlexibleParser

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DOI [10.5281/zenodo.803400](https://doi.org/10.5281/zenodo.803400)

FlexibleParser is a multi-purpose .NET parsing library based upon the following ideas:

- Intuitive, adaptable and easy to use.
- Pragmatic, but aiming for the maximum accuracy and correctness.
- Overall compatible and easily automatable.
- Formed by independent DLLs managing specific situations.

## Parts

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At the moment, FlexibleParser is formed by the following independent parts:

DOI [10.5281/zenodo.803378](https://doi.org/10.5281/zenodo.803378) [UnitParser](#) ([last release](#), [readme file](#), [code analysis](#))

It allows to easily deal with a wide variety of situations involving units of measurement. Among its most salient features are: user-defined exception triggering and gracefully managing numeric values of any size.

DOI [10.5281/zenodo.803390](https://doi.org/10.5281/zenodo.803390) [NumberParser](#) ([last release](#), [readme file](#), [code analysis](#))

It provides a common framework for all the .NET numeric types. Main features: exceptions managed internally; beyond-double-range support; custom mathematical functionalities.

DOI [10.5281/zenodo.803399](https://doi.org/10.5281/zenodo.803399) [DateParser](#) ([last release](#), [readme file](#), [code analysis](#))

It enhances the default .NET date/time support, mostly via improving the usability of its main type and accounting for a big amount of additional time zone information.

## Authorship & Copyright

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I, Alvaro Carballo Garcia (varocarbas), am the sole author of each single bit of this code.

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