Date Project

Derafu Date

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Derafu Date

Pages in this section

- **Introduction** — Months, periods, working days, date parsing and translatable date messages in PHP, with immutable objects and no hidden clock
- **Months** — Month, an immutable calendar month that is written as AAAA-MM or as the number AAAAMM
- **Periods** — Period, an immutable range of days that can be a month, a quarter, a semester, a year or any cycle
- **Date Units** — DateUnit, to move a date by days, weeks, months, quarters, semesters and years, and Weekday
- **Parsing** — Read and validate dates, strictly or like PHP does, and validate the periods written as numbers
- **Calculations** — Age, days and months between dates, matching days, weeks and lists of years
- **Working Days** — WorkCalendar, an immutable calendar of working days with the weekend and the holidays that are given to it
- **Formatting** — DateFormatter describes dates, months and elapsed time as translatable messages, so a language is added with a catalogue and no code
- **Clocks** — SystemClock and FixedClock, the PSR-20 clocks of the package
- **Errors and Translations** — The exceptions of Derafu Date and how to translate their messages

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