Errors and Translations

The exceptions of Derafu Date and how to translate their messages

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Errors and Translations

Every error of the package is a `Derafu\Date\Exception\DateException`, which extends `TranslatableInvalidArgumentException` of `derafu/translation`. Catching `DateException`, or PHP's `InvalidArgumentException`, catches all of them.

Exception	When
`InvalidDateException`	A text is not a date, a date is not valid in its format, a time unit does not exist, or a number of the working day is less than 1.
`InvalidMonthException`	A month, a text `AAAA-MM` or a number `AAAAMM` is not a month, or a move leaves the years 1 to 9999.
`InvalidPeriodException`	The end of a period is before its start, a quarter or a semester does not exist, a number of units is less than 1, or a period must be in a single year and it is not.

The last two extend `DateException`, like the first one.

```
try {
    Month::fromInt(202513);
} catch (InvalidMonthException $e) {
    $e->getMessage();   // Invalid month period: 202513.
}
```

Translations

The messages of the exceptions (domain `errors`) and the names and phrases of the dates (domain `date`) are translatable, and the Spanish translations ship with the package. To have them in your translator, import its services (or add `DateTranslationResourceProvider` to the resource providers of the translator):

```
imports:
    - { resource: '../vendor/derafu/date/resources/config/date-services.yaml' }
```

The same file registers `DateFormatterInterface` and a `SystemClock` for `Psr\Clock\ClockInterface`.

With the translator, the message of the example above is `El período 202513 no es un mes, debe escribirse AAAAMM.`

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