

# I. Indicate changes

To make it easier to monitor a package, it is essential to provide a history indicating the changes made when a new version is published.

## 1. When?

You can either date something, or version it, in which case the version number can be dated.

**Example 1** (Dating new products). The `\tdocdate` macro is used to indicate a date in the margin, as in the following example.

```
Bla, bla, bla, bla, bla, bla, bla, bla, bla, bla, bla, bla, bla...

\medskip % CAUTION! This prevents overlapping.

\tdocdate{2023-09-24}

Ble, ble, ble, ble, ble, ble, ble, ble, ble, ble, ble, ble, ble...

\medskip % CAUTION! This prevents overlapping.

\tdocdate[gray]{2020-05-08}

Bli, bli, bli, bli, bli, bli, bli, bli, bli, bli, bli, bli, bli...

Blo, blo, blo, blo, blo, blo, blo, blo, blo, blo, blo, blo, blo...

Blu, blu, blu, blu, blu, blu, blu, blu, blu, blu, blu, blu, blu...
```

This gives :

---

*Start of the real output*

2023-09-24

2020-05-08

Bla, bla, bla, bla, bla, bla, bla, bla, bla, bla, bla, bla, bla...

Ble, ble, ble, ble, ble, ble, ble, ble, ble, ble, ble, ble, ble...

Bli, bli, bli, bli, bli, bli, bli, bli, bli, bli, bli, bli, bli...

Blo, blo, blo, blo, blo, blo, blo, blo, blo, blo, blo, blo, blo...

Blu, blu, blu, blu, blu, blu, blu, blu, blu, blu, blu, blu, blu...

---

*End of the real output*

**Example 2** (Versioning new features, possibly with a date). Associating a version number with a new feature is done using the `\tdocversion` macro, with the colour and date being optional arguments.

```
\tdocversion[red]{10.2.0-beta}[2023-12-01]

Bla, bla, bla, bla, bla, bla, bla, bla, bla, bla, bla, bla, bla...

\bigskip % CAUTION! This prevents overlapping.

\tdocversion{10.2.0-alpha}

Ble, ble, ble, ble, ble, ble, ble, ble, ble, ble, ble, ble, ble,
ble, ble, ble, ble, ble, ble, ble, ble, ble, ble, ble, ble, ble,
ble, ble, ble, ble, ble, ble, ble, ble, ble, ble, ble, ble, ble,
ble, ble, ble, ble, ble, ble, ble, ble, ble, ble, ble, ble, ble...
```

This gives :

---

10.2.0-alpha

*End of the real output*

1. The `\tdocdate` and `\tdocversion` macros require two compilations.
2. The final rendering of the dates takes into account the language specified when loading the package `tutodoc`: for example, if French is selected, the dates will be displayed in the format `DD/MM/YYYY`.

*Only the use of the digital format YYYY-MM-DD is verified. <sup>a</sup>, and this is a choice! Why? Quite simply because dating and versioning explanations should be done semi-automatically to avoid any human bugs.*

<sup>a</sup>Technically, checking the validity of a date using L<sup>A</sup>T<sub>E</sub>X3 presents no difficulty.