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* ━━━━━━━━━━━━━━━━━

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...
2023-09-24

Bli, bli, bli, bli, bli, bli, bli, bli, bli, bli, bli, bli, bli...
2020-05-08

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...
```

This gives :

Bla,¹ bla, bla, bla, bla, bla, bla, bla, bla, bla, bla...

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...

> 🖌 **Important.**
>
> 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`.

> ☠ **Warning.**
>
> Only the use of the digital format `YYYY-MM-DD` is verified. [a], and this is a choice! Why? Quite simply because dating and versioning explanations should be done semi-automatically to avoid any human bugs.
>
> ───────────────────
>
> [a]Technically, checking the validity of a date using LaTeX3 presents no difficulty.

Bla,¹ bla, bla, bla, bla, bla, bla, bla, bla, bla, bla...

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