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...

2023-09-24

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

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...

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 :

Start of the real output

10.2.0-beta
2023-12-01

10.2.0-alpha

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, 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...

End of the real output

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.