

I. Indicate changes

To make it easier to monitor a project, 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 I.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 :

2023-09-24

2020-05-08

Start of the real output

End 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...

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...
```

Example I.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...
```

[illegible]

1. The `\tdocdate` and `\tdocversion` macros require two compilations.
2. The final rendering of the dates takes into account the language detected by `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, ^a and this is a choice! Why? Quite simply because dating and versioning explanations should be done semi-automatically to avoid any human bugs.

Behind the scenes, most of the work is done by the `\marginnote` macro in the eponymous package. The `\tdocdate` and `\tdocversion` macros therefore suffer from the same side effects as in the following example. However, these problems can be solved using an optional argument `<vertical-displacement>`, as at the end of the following example. It's ugly, but functional.

ints gives .

Start of the real output

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

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

[illegible]

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

===== *End of the real output* =====