

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 :

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...

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

This gives :

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

[illegible]

Example I.3 (Caution with paragraph titles). *The following example shows that a date and/or version must be placed just after a paragraph title, and not before it.*

```
|paragraph{A well-versioned title.}  
|tdocversion{1.2.3}[2024-11-23]  
Blah, blah, blah, blah, blah, blah, blah, blah, blah, blah, blah...  
Stay, stay, stay, stay, stay, stay, stay, stay, stay, stay, stay, stay, stay...  
  
Stay, stay, stay, stay, stay, stay, stay, stay, stay, stay, stay, stay, stay...  
Blo, blo, blo, blo, blo, blo, blo, blo, blo, blo, blo, blo, blo, blo...
```

```
\tdocdate{2024-11-23}
\paragraph{A badly versioned title.}
Blu, blu, blu, blu, blu, blu, blu, blu, blu, blu, blu, blu, blu, blu...
```

This gives :

A well-versioned title. *Blah, blah, blah, blah, blah, blah, blah, blah, blah, blah... Stay, stay, stay, stay, stay, stay, stay, stay, stay, stay, stay, stay, stay, stay... Stay, stay, stay, stay, stay, stay, stay, stay, stay, stay, stay, stay, stay, stay... Blo, blo, blo, blo, blo, blo, blo, blo, blo, blo, blo, blo, blo, blo...*

A badly versioned title. *Blu, blu, blu, blu, blu, blu, blu, blu, blu, blu, blu, blu, blu, blu...*

Example I.4 (Adjust vertical positioning). *If required, you can modify the vertical offset used to place dates and versions in the margin, the default value being (−8 pt).*

This is what it looks like without vertical movement.

```
\paragraph{A home-made setting.}%
\tdocversion{1.2.3}[2024-10-29]<0pt>

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

This gives :

This is what it looks like without vertical movement.

A home-made setting. *Blo, blo, blo, blo, blo, blo, blo, blo, blo, blo, blo, blo, blo, blo...*



Important.

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`.



Caution.

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.

^aTechnically, checking the validity of a date using $\text{\LaTeX}3$ presents no difficulty.