

# I. A real-life rendering

It is sometimes useful to render code directly in the documentation. This type of rendering must be dissociable from the explanatory text.

## 1. With a coloured stripe

**Example I.1** (With default text). *It can be useful to show a real rendering directly in a document.*<sup>1</sup> This is done via `\begin{tdocshowcase}... \end{tdocshowcase}` as follows.

```
\begin{tdocshowcase}
  \bfseries A bit of code \LaTeX.

  \bigskip

  \emph{\large End of the awful demo.}
\end{tdocshowcase}
```

The result is the following rendering.<sup>2</sup>

Start of the real output

A bit of code **LaTeX**.

End of the awful demo.

End of the real output

**Remark I.2.** See the section ?? on page ?? to easily obtain code followed by its actual rendering as in the previous example.

### **Note.**

The explanatory texts adapt to the language detected by `tutodoc`.

**Example I.3** (Change the default colour and/or text).

```
\begin{tdocshowcase}[before = My beginning,
                    after  = My end,
                    color   = red]
  Bla, bla, bla, bla, bla, bla, bla, bla, bla, bla, bla...
\end{tdocshowcase}
```

This will produce the following.

My beginning

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

My end

### **Note.**

You've probably noticed that red is used as a base to obtain the colors used.

- The background color is provided by `\tdocbackcolor`.
- The color of titles and lines is provided by `\tdocdarkcolor`.

These expandable macros accept the following codes.

<sup>1</sup>Typically when making a demo.

<sup>2</sup>Behind the scenes, the strip is created effortlessly using the `clrstrip` package.

```
% Argument 1 : optionally, the amount of color relative to black can be specified.
%             In general, there's no need to change this setting!
% Argument 2 : a color in xcolor format.
\NewExpandableDocumentCommand{\tdocdarkcolor}{0{50}m}{#2!#1!black}

% Argument 1 : optionally, the transparency rate can be specified.
%             In general, there's no need to change this setting!
% Argument 2 : a color in xcolor format.
\NewExpandableDocumentCommand{\tdoclightcolor}{0{5}m}{#2!#1}
```

You also have to know that behind the scene, the `\tdocruler` macro is used.

```
\tdocrulertdocruler[red]{A decorated pseudo-title}
```

---

```
[red]A decorated pseudo-title
```

### ⚠ Warning.

With the default settings, if the code to be formatted begins with an opening bracket, use `\string` as in the following example.

```
\begin{tdocshowcase}
  \string[This works...]
\end{tdocshowcase}
```

This will produce the following.

Start of the real output

[This works...]

End of the real output