

# 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 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.** 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 chosen when *tutodoc* is loaded.

**Example 2** (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 will have noticed that we don't obtain a pure red: behind the scenes, the expandable macros `\tdocbackcolor` and `\tdocdarkcolor` are used to create the background and title colours respectively from the ones proposed in `\begin{tdocshowcase} ... \end{tdocshowcase}`. These macros have a single argument, the chosen colour, and accept the following codes.

```
\NewExpandableDocumentCommand{\tdocbackcolor}{m}{\#1!5}
\NewExpandableDocumentCommand{\tdocdarkcolor}{m}{\#1!50!black}
```

**Warning.** With the default settings, if the code to be formatted begins with an opening bracket, an empty option must be explicitly indicated, as in the following example.

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

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

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

This will produce the following.

*Start of the real output*

[This works...]

*End of the real output*

**Note.** Behind the scenes, the `\tdocruler` macro is used.

```
\tdocruler{Un pseudo-titre décoré}{red}
```

*Un pseudo-titre décoré*