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.* [1] *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. [2]

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, bla, bla...
\end{tdocshowcase}
```

This will produce the following.

My beginning

Bla, bla, 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.

[1] Typically when making a demo.

[2] 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}{O{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}{O{5}m}{#2!#1}
```

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

```
\tdocruler{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