

# ffcode: L<sup>A</sup>T<sub>E</sub>X Package for Fixed-Font Code Blocks

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This package helps you write source code in your articles and make sure it looks nice. Install it from CTAN and then use like this (pay attention to the `\ff` command and the `ffcode` environment):

```
\documentclass{article}
\usepackage[T1]{fontenc}
\usepackage{ffcode}
\begin{document}
The function \ff{fibonacci} is recursive:
\begin{ffcode}
int fibo(int n) {
  if (n < 2) {
    return n; |\label{ln:ret}$|
  }
  return fibo(n - 1) + fibo(n - 2);
}
\end{ffcode}
The line~\ref{ln:ret} terminates it.
\end{document}
```

The function `fibonacci` is recursive:

```
1 | int fibo(int n) {
2 |   if (n < 2) {
3 |     return n;
4 |   }
5 |   return fibo(n - 1) + fibo(n - 2);
6 | }
```

The line no. 3 terminates it.

You have to run `pdflatex` with the `-shell-escape` flag in order to let `minted` (the package we use) to run Pygments and format the code. If you don't want this to happen, just use the `nopygments` option.

A pair of vertical lines decorate a TeX command inside the snippet. If you want to print a single vertical line, use this: `|\vert|`.

If you want to omit the light gray frames around `\ff` texts, use the package option `noframes`.

To omit the vertical gray bar at the left side of each snippet, use the `nobars` option of the package.

To omit the line numbers, use the `nonumbers` option of the package.

By default, the numbering is continuous: line numbers start at the first snippet and increment until the end of the document. If you want them to start from one at each snippet, use `nocn` (stands for “no continuous numbering”) option of the package.

You can highlight some lines in your `ffcode` environment, or can use any other additional configuration parameters from the `minted` package:

```
\begin{ffcode*}{highlightlines={1,4-5}}
while (true) {
  print("Hello!")
  print("Enter your name:")
  scan(x)
  print("You name is " + x)
}
\end{ffcode*}
```

```
7 | while (true) {
8 |   print("Hello!")
9 |   print("Enter your name:")
10 |   scan(x)
11 |   print("You name is " + x)
12 | }
```

Using this second argument of the `ffcode*` (with the trailing asterisk), you can provide any other options from the `minted` package to the snippet.

By the way, the package correctly formats low-height texts, for example, just a dot: `.`

More details about this package you can find in the `yegor256/ffcode` GitHub repository.