

# iexec: L<sup>A</sup>T<sub>E</sub>X Package for Inputable Shell Executions

Yegor Bugayenko

0.4.0 2021/08/01

This package helps you execute shell commands right from the document and then put their output to the document:

```
1 | \documentclass{article}                                Today is 1-Aug-2021
2 | \usepackage{iexec}
3 | \begin{document}
4 | Today is \iexec{date +%e-%b-%Y}
5 | \end{document}
```

You have to run `pdflatex` (or just `latex`) with the `--shell-escape` flag in order to let `shellesc` (the package we use) to run shell.

If you don't want the output to be visible, use `\phantom{\iexec{...}}`.

The output of your code is saved into the file provided as the second optional argument of `\iexec` (the default value is `iexec.tmp`):

```
6 | Today is \iexec[date.txt]{date +%e-%b-%Y | tr -d '\\\n'}.
```

The tailing part of the command here removes all ends-of-line.

The file specified will be deleted right after its usage. If you don't want this to happen, use `trace` package option: all files will remain in the directory.

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