

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

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

```
1 | \documentclass{article}                                Today is 9-Jan-2022
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[stdout=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.

There are a few options you can provide for the `\iexec` command:

- `trace`: to prevent the deletion of the file;

- `stdout=...`: to set the name of the file where the standard output of the command will be saved;
- `quiet`: to prevent including of the content into the document.

More details about this package you can find in the [yegor256/iexec](#) GitHub repository.