

# The `everyshi` package\*

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## Abstract

This packages provides hooks into `\sshipout` called `\EveryShipout` and `\AtNextShipout` analogous to `\AtBeginDocument`.

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## 1 Introduction

This package provides the hooks `\EveryShipout` and `\AtNextShipout` whose arguments are executed after the output routine has constructed `\box255`, and before `\shipout` is called.

An example application for this package would be a package for adding text to the bottom of each page. Such a package does exist: `prelim2e[2]`.

Another application is a package for adding pictures to every page: `eso-pic[1]`.

## 2 Usage

`\EveryShipout{<code>}` declares `<code>` that is saved internally and executed before each `\shipout`.

*Warning:* The `<code>` is saved globally; there is currently no way to remove it.

`\AtNextShipout{<code>}` declares `<code>` that is saved internally and executed just before *only the next* `\shipout`.

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\*The version number of this file is v3.00, last revised 2001/05/15.

The name `everyshi` is a tribute to the 8+3 file-naming convention of certain “operating systems”; strictly speaking it should be `everyshipout`.

`\AtNextShipout`

New feature  
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The `<code>` is executed after `\box255` has been constructed by the output routine and can change `\box255`. `\shipout` is called *after* `<code>`.

Repeated use of the commands is permitted: the code in the argument is stored (and executed) in the order of their declarations.

The argument of `\AtNextShipout` is executed *after* the argument of `\EveryShipout`.

### 3 Options

The package has no options.

### 4 Required packages

The package does not require any further packages.

### 5 Acknowledgements

Version 2.0 of `everyshi` borrows heavily from `quire.tex` of the Midnight Macros by Marcel R. van der Goot (`marcel@cs.caltech.edu`). The pointer to `quire` was provided by Lothar Meyer-Lerbs (`TeXSatz@zfn.uni-bremen.de`). As usual Rebecca Stiels improved the quality of this documentation.

### References

- [1] Rolf Niepraschk. The `eso-pic` package. `CTAN:tex-archive/macros/latex/contrib/supported/ms/contrib/eso-pic.dtx`. L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub> package.
- [2] Martin Schröder. The `prelim2e` package. `CTAN:tex-archive/macros/latex/contrib/supported/ms/prelim2e.dtx`. L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub> package.