

fail-fast: L^AT_EX Package

that turns warnings into errors*

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1 Introduction

Once included, this package promotes L^AT_EX warnings to errors, thereby rendering the build more fragile by design. Such strictness constitutes a desirable practice whenever document quality is to be preserved with rigour and protected from regressions introduced by subsequent modifications:

The document content goes here.	<pre>1 \documentclass{article} 2 \usepackage{fail-fast} 3 \pagestyle{empty} 4 \begin{document} 5 The document content goes here. 6 \end{document}</pre>
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The development of this package was motivated by a [Stack Overflow question](#).

2 Implementation

Classic L^AT_EX 2_ε warnings travel through `\GenericWarning`, so the package reroutes them to `\GenericError`:

```
1 \message{fail-fast: Starting from now all warnings
2   are reported as errors^^J}%
3 \renewcommand{\GenericWarning}[2]{%
4   \GenericError{#1}{#2}{\This was a warning, now an error}%
5 }
```

A growing share of L^AT_EX rides on expl3, whose warnings from `\msg_warning:nn` and its siblings never touch `\GenericWarning`. Redirecting the whole `warning` class to `error` catches every variant at once:

```
6 \ExplSyntaxOn
7 \msg_redirect_class:nn { warning } { error }
8 \ExplSyntaxOff
```

*The sources are in GitHub at [yegor256/fail-fast](#)

One family of warnings resists promotion: Overfull and Underfull `\hbox` and `\vbox` reports come straight from the $\text{\TeX}$ box packer, expose no macro hook, and therefore remain warnings.

Change History

v0.0.1		documentation	1
	General: Initial version, which		
	turns warnings into errors		1
v0.0.2		General: Promote expl3 warnings	
	General: Minor changes in the	to errors too	1

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Numbers written in *italic* refer to the page where the corresponding entry is described; numbers underlined refer to the code line of the definition; numbers in *roman* refer to the code lines where the entry is used.

E	\GenericWarning 3	R
\ExplSyntaxOff 8		\renewcommand 3
\ExplSyntaxOn 6	M	
G	\message 1	
\GenericError 4	\msg 7	