

The ifetex Package

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CTAN: <http://www.ctan.org/pkg/ifetex>

VC: https://bitbucket.org/martin_scharrer/ifetex

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Abstract

This small package provides the if-switch `\ifetex` which indicated whether ϵ -TeX is available or not.

1 Usage

The package can be loaded as \TeX package using `\usepackage{ifetex}` or in plain \TeX using `\input ifetex`. In both cases it aborts silently if the `\ifetex` macro is already defined.

The package currently test if `\eTeXversion` is defined as a primitive and assumes ϵ -TeX if so.

2 Implementation

2.1 ifetex.sty

```
1 %<!COPYRIGHT>
2 \ProvidesPackage{ifetex}[%
3 %<!DATE>
4 %<!VERSION>
5 %<*DRIVER>
6     2099/01/01 develop
7 %</DRIVER>
8     ifetex]
9 \@@input ifetex
```

2.2 ifetex.tex

```
10 %<!COPYRIGHT>
    Abort if \ifetex is already defined.
```

```

11 \expandafter\ifx\csname ifetex\endcsname\relax\else
12   \expandafter\endinput
13 \fi

```

ifetex

Checks if `\eTeXversion` is a primitive.

```

14 \newif\ifetex
15 \begingroup
16 \edef\tempa{\meaning\eTeXversion}%
17 \edef\tempb{\string\eTeXversion}%
18 \ifx\tempa\tempb
19   \global\etexttrue
20 \else
21   \global\etextfalse
22 \fi
23 \endgroup

```