

The iftex Package

<https://github.com/persian-tex/iftex>

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Contents

1	Introduction	1
2	Loading The Package	1
2.1	<i>Loading The Package in Plain T_EX</i>	2
2.2	<i>Loading The Package in L^AT_EX</i>	2
3	Defined Conditionals	2
3.1	<i>For PDFT_EX</i>	2
3.2	<i>For XeT_EX</i>	2
3.3	<i>For LuaT_EX</i>	2
4	Defined Commands	2
4.1	<i>For PDFT_EX</i>	2
4.2	<i>For XeT_EX</i>	2
4.3	<i>For LuaT_EX</i>	3

1 Introduction

This package provides a way to check if a document is being processed with PDFT_EX, or XeT_EX, or LuaT_EX.

2 Loading The Package

The package can be loaded in the usual way both in Plain T_EX and L^AT_EX.

2.1 Loading The Package in Plain T_EX

```
\input iftex.sty
```

2.2 Loading The Package in L^AT_EX

```
\usepackage{iftex}
```

3 Defined Conditionals

3.1 For PDF_T_EX

```
\ifPDFTeX
  <material for PDFTeX>
\else
  <material not for PDFTeX>
\fi
```

3.2 For Xe_T_EX

```
\ifXeTeX
  <material for XeTeX>
\else
  <material not for XeTeX>
\fi
```

3.3 For Lua_T_EX

```
\ifLuaTeX
  <material for LuaTeX>
\else
  <material not for LuaTeX>
\fi
```

4 Defined Commands

4.1 For PDF_T_EX

```
\RequirePDFTeX
```

This command tests for PDF_T_EX use and throws an error if a different engine is being used.

4.2 For Xe_T_EX

```
\RequireXeTeX
```

This command tests for Xe_T_EX use and throws an error if a different engine is being used.

4.3 For LuaTeX

<code>\RequireLuaTeX</code>

This command tests for LuaTeX use and throws an error if a different engine is being used.