

# luahyphenrules

## Loading patterns in lualatex with language.dat

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Preloading hyphenation patterns (or “hyphen rules”) into the format is not required in Lua<sub>T</sub><sub>E</sub>X. On the contrary, it is even discouraged and accordingly recent releases of babel don’t do it. This file is addressed to those who just want to select the language and load their patterns without loading at all the babel package with `\usepackage`.

When luahyphenrules is loaded, it reads `language.dat` and stores its data. Then, you can use the following command to select the language.

```
\HyphenRules{<language-name>}
```

Here *<language-name>* is the name in `language.dat`. It select the language, if exists, and loads its hyphenations patterns if not done before. If the language does not exist or there are no patterns, it raises an error.

**NOTE** If you are using babel you do not need this package.

**NOTE** Actually, loading hyphenations patterns in Lua<sub>T</sub><sub>E</sub>X is so simple as inputting the corresponding file with the correct catcode regime when the language is active (which in turn may be created with `\newlanguage`). This package is mostly about reading and parsing `language.dat` at runtime.

**NOTE** The internal variable `\bbl@languages`, containing the list of languages in `language.dat`, is also set by this package. See the babel manual for further info.

**WARNING** This package only works with Lua<sup>A</sup><sub>T</sub><sub>E</sub>X.