

# SLaTeX Wrapper

Version 9.0.0.11

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```
(require slate/slate-wrapper)      package: slate
```

To use SLaTeX as a standalone program, either drag your ".tex" file onto SLaTeX (on Windows or MacOS X), or type `slate` `file` in a command shell.

*NOTE:* If you compile your ".tex" file without using `slate` (i.e., by using `slate -n` and then using `latex` directly), then your `TEXINPUTS` environment variable must contain a reference to the directory in which the most recent version of "`slate.sty`" lives. That file resides by default in the "`slate`" collection of the main installation.

In addition to the SLaTeX tools, this collection contains a parallel set of PDF-SLaTeX tools, which are identical except that they call `pdf-latex` rather than `latex`. In particular, there is now a launcher called (PDF-SLaTeX/`pdf-slate`).

```
(slate filename) → boolean?
  filename : string?
(pdf-slate filename) → boolean?
  filename : string?
```

Accepts a string naming a file and runs `slate` and `latex` on the file. It calls `filename->latex-filename` on `filename`.

`pdf-slate` is like `slate` except that it calls `pdf-latex` rather than `latex`, and produces PDF output instead of PS output.

```
(slate/no-latex filename) → void?
  filename : string?
```

Runs `slate` on the file named by `filename`, without calling `latex`. That is, it only processes the ".tex" file to produce the ".Z" files. It calls `filename->latex-filename` on `filename`.

```
|(latex filename) → boolean?  
  filename : string?  
(pdf-latex filename) → boolean?  
  filename : string?
```

Runs `latex` on the file named by `filename`. It calls `filename->latex-filename` on `filename`.

`pdf-latex` is like `latex` except that it calls `pdf-latex` rather than `latex`, and produces PDF output instead of PS output.

```
|(filename->latex-filename filename) → string?  
  filename : string?
```

Accepts a filename and, if that file exists, it returns it. If the filename appended with the suffix ".tex" exists, that filename is returned. Otherwise, an exception is raised.