SLaTeX Wrapper

Version 9.4.0.4

November 5, 2026

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

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

NOTE: If you compile your ".tex" file without using `slatex` (i.e., by using `slatex -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 "slatex.sty" lives. That file resides by default in the "slatex" 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-slatex).

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

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

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

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

Runs `slatex` 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.