

XSLT Runner

Run file conversions directly from the command palette using either:

- Java + Saxon (XSLT transformations)
- Pandoc (document format conversions)

Commands

- XSLT Runner: Run Conversion (Configured Backend)
- XSLT Runner: Run XSLT with Java
- XSLT Runner: Run Conversion with Pandoc

Settings

- `xsltRunner.backend`: java or pandoc
- `xsltRunner.java.path`: Java executable path (default: `java`)
- `xsltRunner.java.saxonJarPath`: path to Saxon JAR (required for Java mode)
- `xsltRunner.java.stylesheetDirectory`: default folder for stylesheet selection (you will still be prompted to confirm/select location per run)
- `xsltRunner.java.extraArgs`: extra args appended to Java command
- `xsltRunner.pandoc.path`: Pandoc executable path (default: empty, resolved by OS)
- `xsltRunner.pandoc.extraPathEntries`: additional PATH entries used when running Pandoc (useful for PDF engines like `pdflatex`)
- `xsltRunner.pandoc.from`: optional Pandoc input format
- `xsltRunner.pandoc.to`: default Pandoc output format hint
- `xsltRunner.pandoc.extraArgs`: extra args appended to Pandoc command

Required Inputs Per Run

- Java conversion: requires selecting the stylesheet directory and stylesheet file to apply.
- Pandoc conversion: requires selecting a target format from formats reported by `pandoc --list-output-formats`.

Pandoc Path Resolution

If `xsltRunner.pandoc.path` is empty, the extension uses OS-specific defaults:

- macOS Apple Silicon: `/opt/homebrew/bin/pandoc`, then `/usr/local/bin/pandoc`, then `pandoc` from PATH
- macOS Intel: `/usr/local/bin/pandoc`, then `/opt/homebrew/bin/pandoc`, then `pandoc` from PATH
- Linux: `/usr/bin/pandoc`, then `/usr/local/bin/pandoc`, then `pandoc` from PATH

- Windows: `pandoc.exe` from PATH

When running Pandoc, the extension also prepends OS-specific PATH entries so helper tools (for example, `pdflatex`) can be discovered:

- macOS: `/Library/TeX/texbin`, `/opt/homebrew/bin`, `/usr/local/bin`
- Linux: `/usr/local/bin`, `/usr/bin`
- Windows: no extra defaults (set `xsltRunner.pandoc.extraPathEntries` if needed)

Java Mode Example

With `xsltRunner.java.saxonJarPath` set to `/opt/saxon/saxon-he.jar`, the extension runs:

```
java -jar /opt/saxon/saxon-he.jar -s:/path/in.xml -xsl:/path/style.xsl -o:/path/out.xml
```

Pandoc Mode Example

With `xsltRunner.pandoc.to` set to `docx`, the extension runs:

```
pandoc /path/in.md --to docx --output /path/in.docx
```