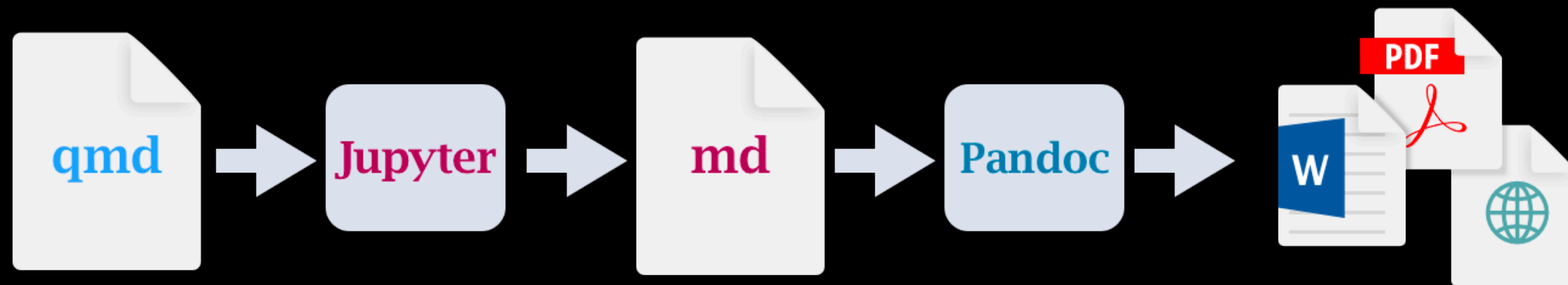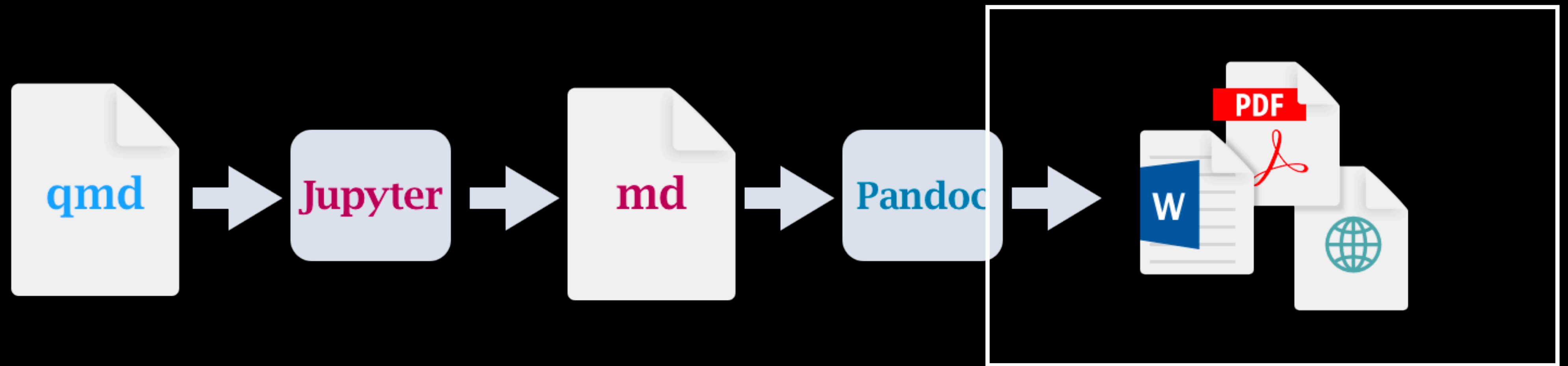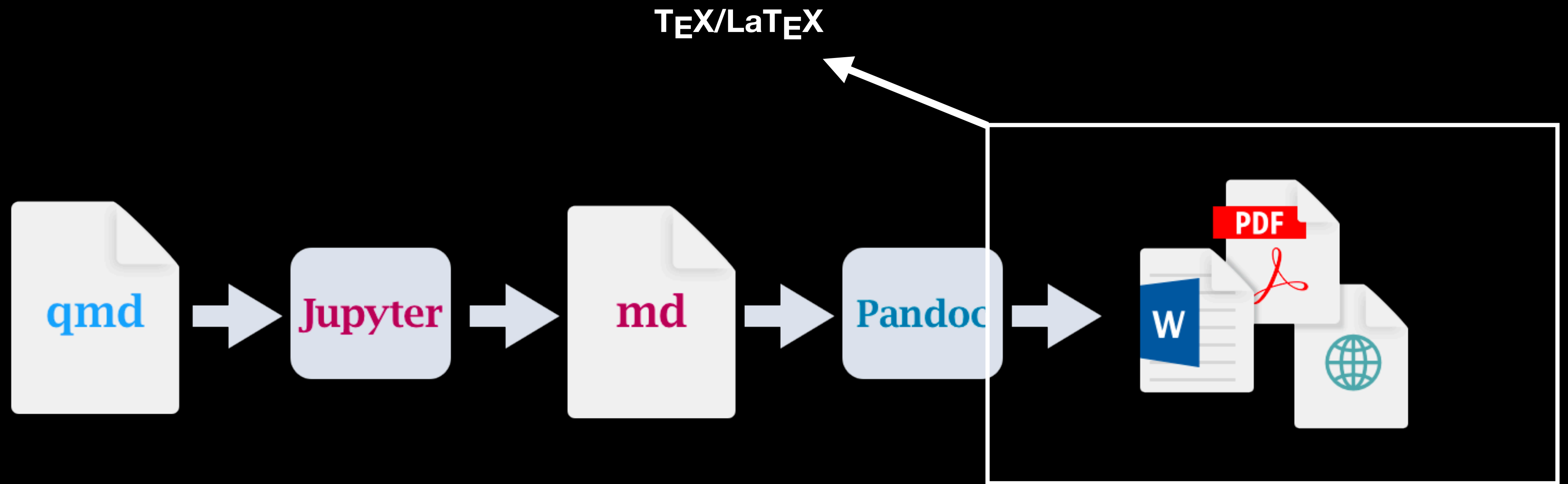# Report Writing - Quarto

Mutaz Jaber

quarto®

We want to focus on workflow again

We want to focus on workflow again

We want to focus on workflow again

We want to focus on workflow again

"With T_EX (pronounced teck) the goal is to produce the finest quality; this requires more attention to detail, but you will not find it much harder to go the extra distance, and you'll be able to take special pride in the finished product."

–Donald Knuth, The T_EXBook

file.tex

```
file.tex


\documentclass{article}

\begin{document}

Pharmaco\TeXnician

\end{document}
```

file.tex

```
\documentclass{article}

\begin{document}

Pharmaco\TeXnician

\end{document}
```
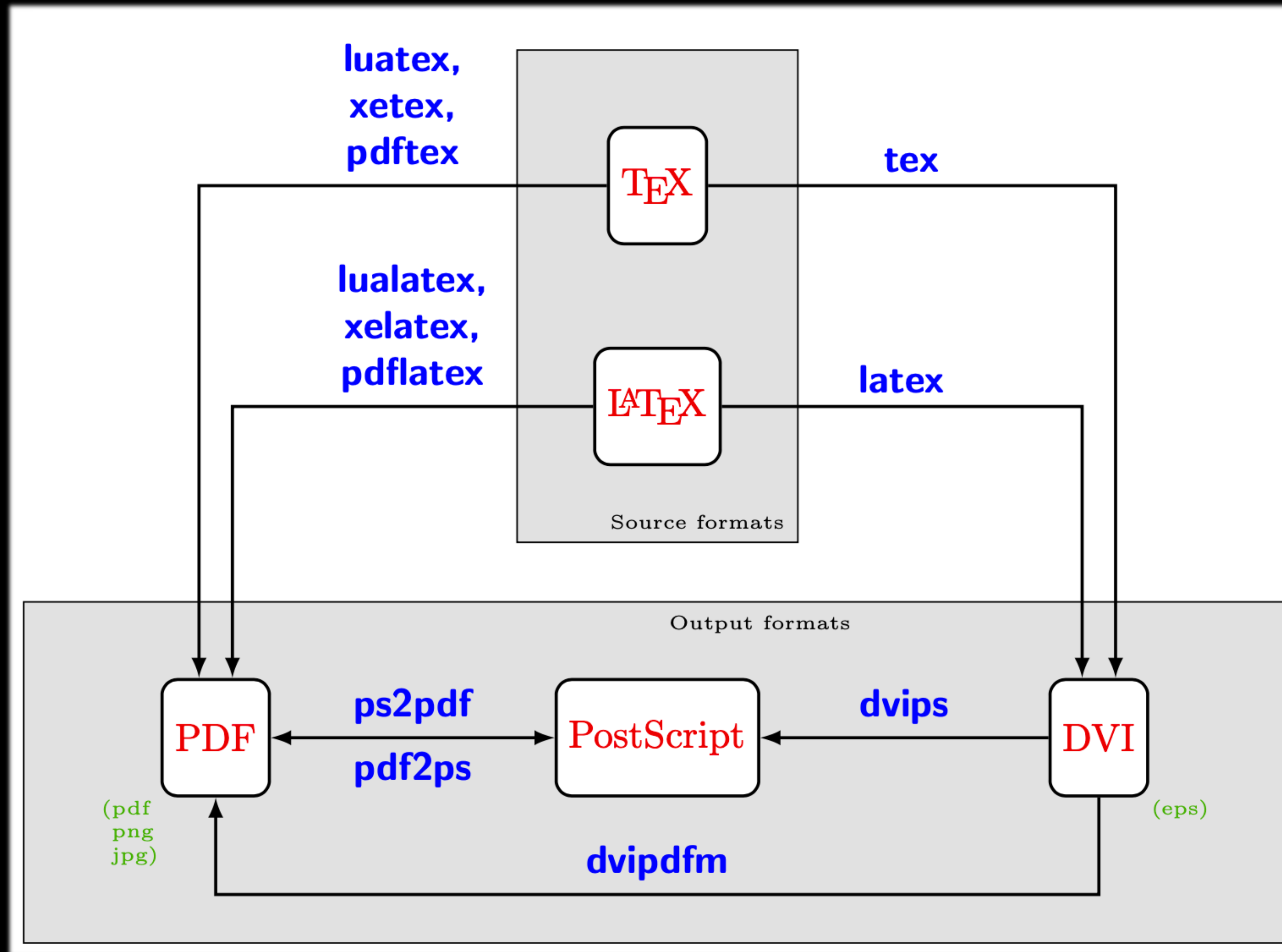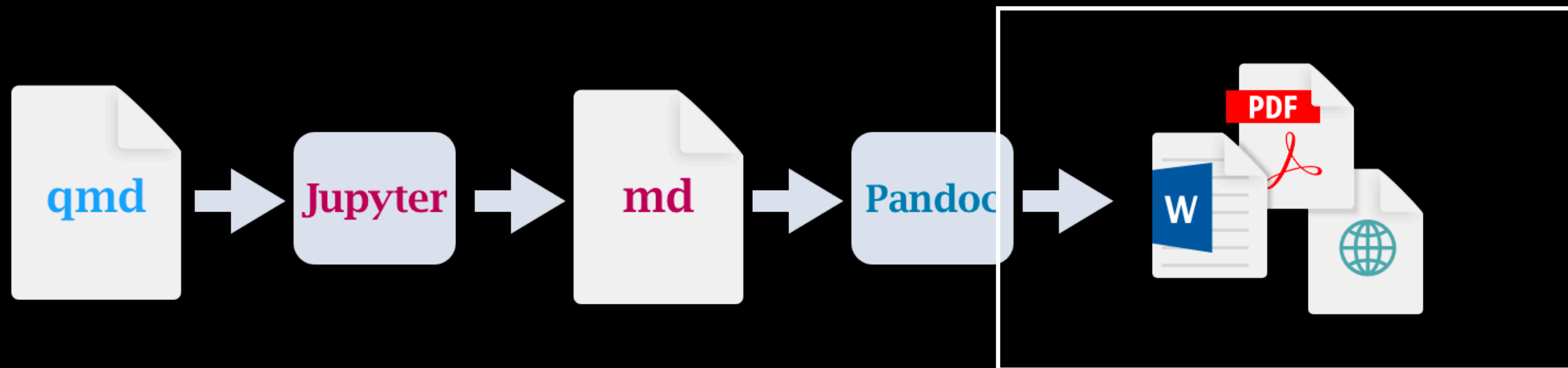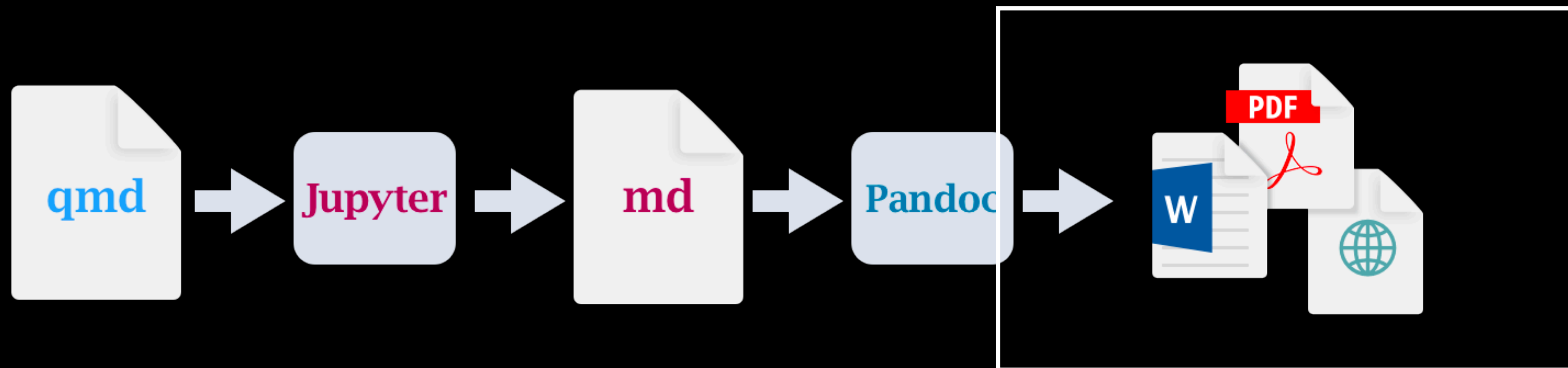
PharmacoTeXnician

From *TEX* to PDF

```
--
Title: document
Format: pdf
--

Hello, Pharmaco\TeXnician
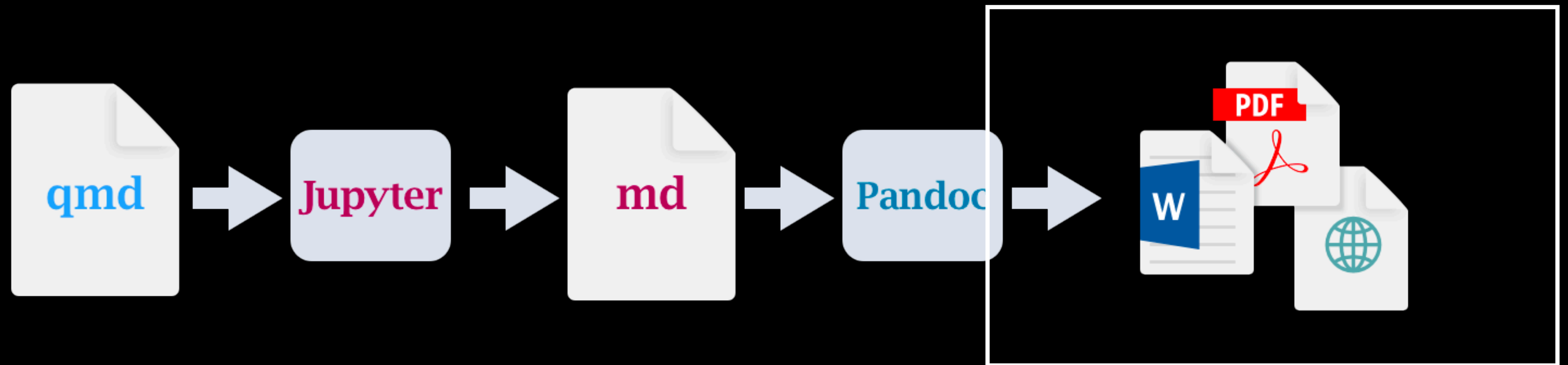```

```
--
Title: document
Format: pdf
--

Hello, Pharmaco\TeXnician
```
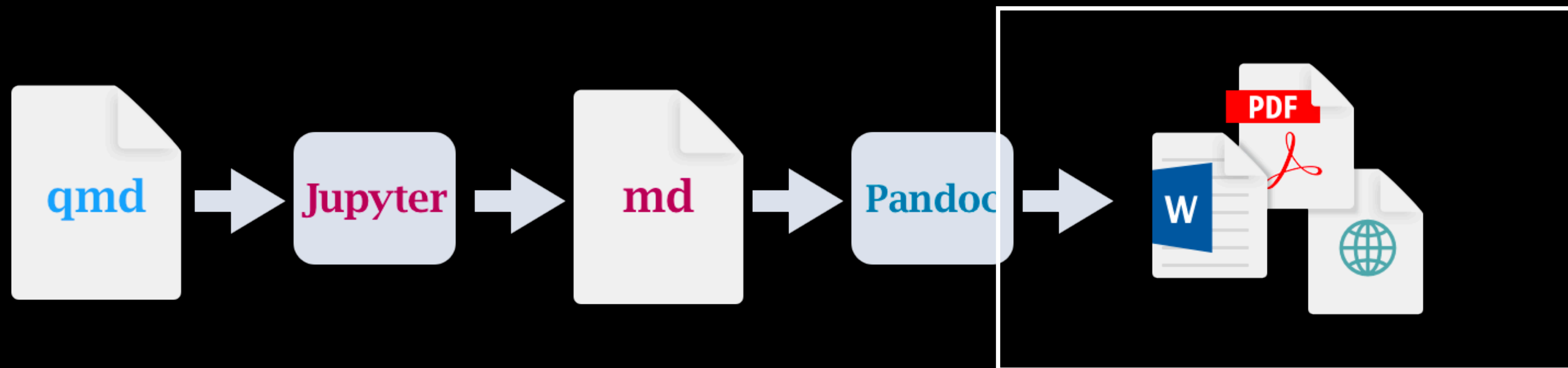
qmd → Jupyter → md → Pandoc → (Word, PDF, HTML)

Somewhere in the template
file we have:

Hello, Pharmaco\TeXnician
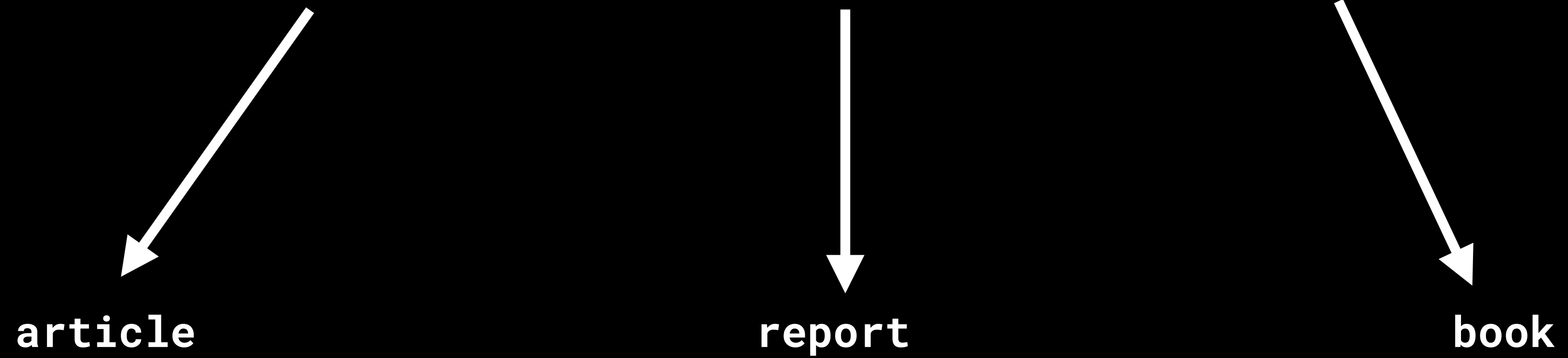
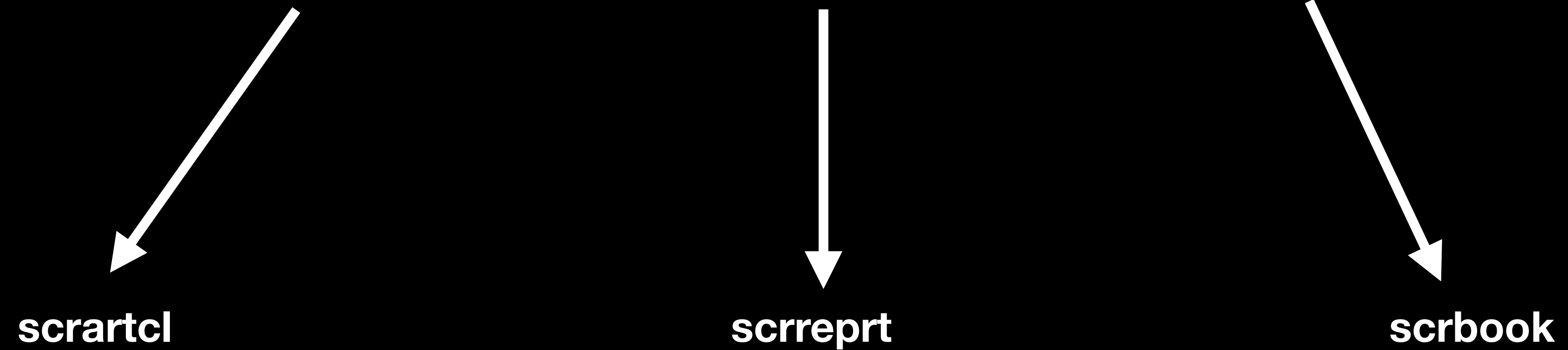qmd → Jupyter → md → Pandoc → Word / PDF / web

PharmacoTeXnician

Hopefully, we appreciate the workflow under the hood by now

**Document class is a collection of macros and TEX/LaTEX definitions**

**Document class is a collection of macros and TₑX/LaTₑX definitions**

article

report

book

**Document class is a collection of macros and TₑX/LaTₑX definitions**

**scrartcl**          **scrreprt**          **scrbook**

**Quarto team decided to add default as KOMAScript (yet another classes)**

# Back-up

| | |
|---|---|
| LaTEX template from pandas | Raw LATEX |
| documentclass | Includes |
| toc/lof/lot | Partials |
| cross-references | Access metadata from partials and adding logos |
| Bibliography | Fonts? |