

RinohType

a Python document preparation system



Brecht Machiels

Motivation – LaTeX problems

- large and complex system
- TeX macro language
 - custom layout styles
 - extension packages
- exact figure placement
 - trial and error
- input encodings and fonts
- no separation of content and style

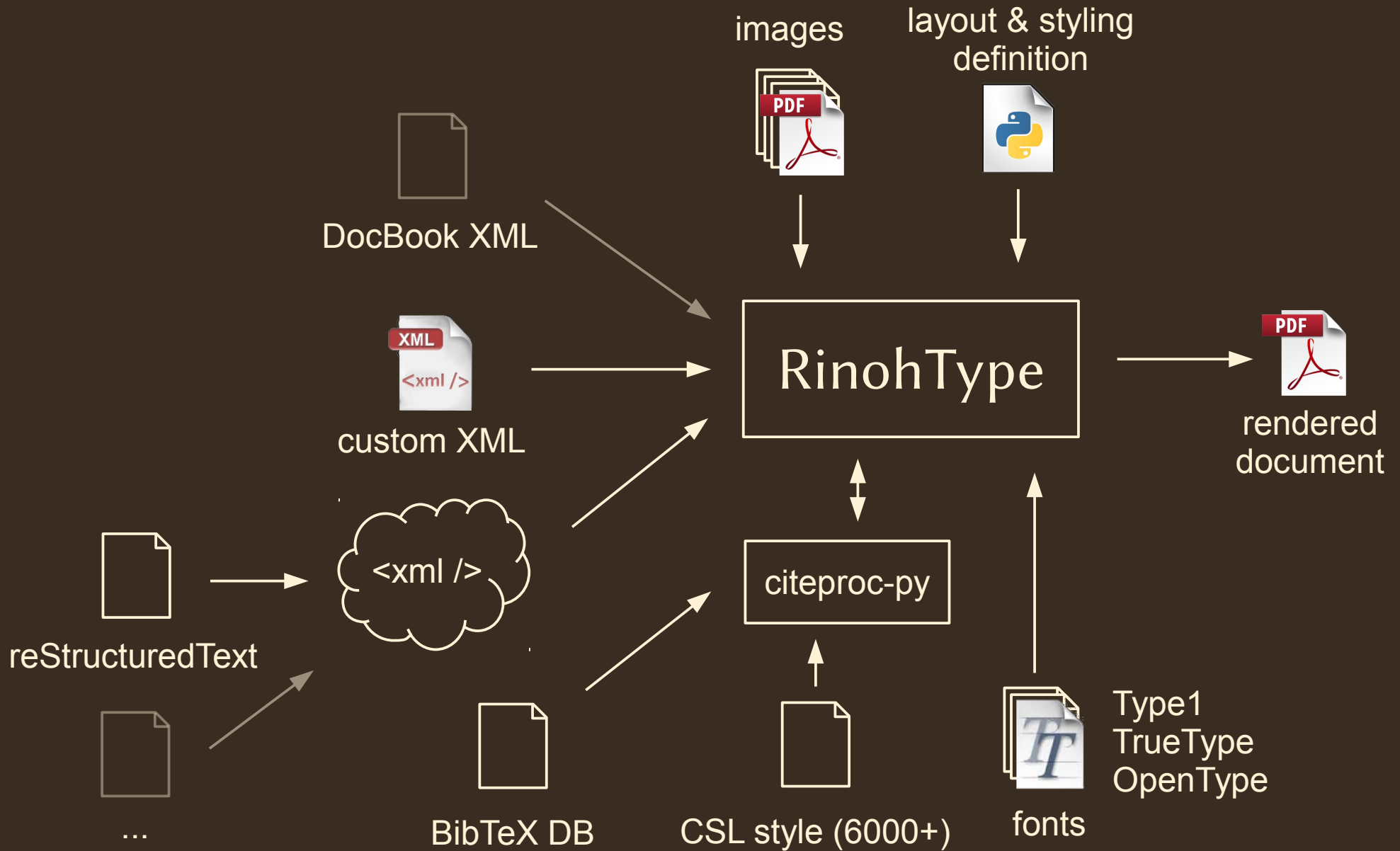
RinohType Goals

- simple design & few dependencies
- easy to use
 - custom layouts and styles
 - built-in support for images/floats
- high quality typesetting
 - mathematics
- unicode input
- modern fonts (OpenType) & PDF output

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How it works



Development Status

- simple but powerful layout engine
 - header, footer, columns, floats
- capable typesetting
 - hyphenation – sub/superscript – kerning, ligatures
- cascading styles
- cross-references
- table of contents
- figures, tables
- citation engine (CSL)

Planned Features

- formula rendering
- PDF output
 - hyperlinks
 - bookmarks
- performance
 - Cython or PyPy