

L^AT_EX to Sphinx – Conversion Experience

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BachoTeX 2015

reStructuredText markup notation

docutils document converter

David Goodger (Canada)
and others

Sphinx for many-file documents

Georg Brandl (Germany)
and others

One source – many output formats

reStructuredText \rightarrow HTML, PDF (via TeX), ePub, ...

Markup example: reStructuredText

BachTeX 2015

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#. ŚRODA

- Otwarcie konferencji 9:00
- Doświadczenie konwersji 9:15

#. CZWARTEK

- Warsztaty 9:00

Już można się zapisywać na warsztaty poświęcone kaligrafii japońskiej oraz pismu Rotunda.

Warsztaty będą prowadzone równolegle.

```
\okno{formatka-szkody}
  {Szkody | (wyszukanie) | Pokaż}
  {Okno stanu danych szkody}
```

```
.. okno:: formatka-szkody
   :wywol: Szkody | (wyszukanie) | Pokaż
   :tytul: Okno stanu danych szkody
```

`pandoc` – many `input` and `output` variants.

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`LATEX` → reStructuredText

Conversion steps

- 1 Clearing \LaTeX by hand
- 2 Automatic pre-conversion
- 3 Conversion using pandoc
- 4 Automatic post-conversion
- 5 Clearing reStructuredText by hand

Extensions (Python)

- Own classes (for directives and text roles).
- Class overloading.
- Transformations.

Properly justified paragraph blocks in $\text{T}_{\text{E}}\text{X}$.

Left justification natural on the WEB.

Sections, tables, figures, citations, ...

numbering – natural in traditional books.

hypertext links – natural in WEB pages

Hypertext, not numbers

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Paragraph texts have to be rephrased.

% in T_EX

\begin{comment}... \end{comment} in L^AT_EX

.. Strange comment convention
in reStructuredText.

boxes, glues, penalties – T_EX's typographic model.

divs and CSS – typography on the WEB