

# Prototype reimplementaion of L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub>'s role mapping

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## 1 Introduction

This short file collects tag names from the L<sup>A</sup>T<sub>E</sub>X namespace and their role mapping used in the latex-lab files. The names and the roles are not necessarily the final ones!

Later settings of the same tag overwrite previous settings. The syntax of a line is a list of three strings ending with commas:

latex-tag, PDF-tag, name space,

The name space is normally pdf2 with the exception of the following PDF-tags which are only in pdf namespace: Art, BlockQuote, TOC, TOCI, Index, Private, Quote, Note, Reference, BibEntry, Code.

```
1 <*ns-latex-lab>
2 %% \ProvidesExplFile {tagpdf-ns-latex-lab.def} {2023-09-04} {0.8}
3 %% {latex} {https://www.latex-project.org/ns/lab/2022}{}
```

### 1.1 Role from tagpdf

The following tags are already set by tagpdf, so deleting here will not remove them.

```
4 title,          Title,    pdf2,
5 part,           Title,    pdf2,
```

Headings differ in article and book class. This here is for article:

```
6 section,        H1,      pdf2,
7 subsection,     H2,      pdf2,
8 subsubsection,  H3,      pdf2,
9 paragraph,      H4,      pdf2,
10 subparagraph,  H5,      pdf2,
```

And this here is used in book:

```
11 %chapter,       H1,      pdf2,
12 %section,       H2,      pdf2,
13 %subsection,    H3,      pdf2,
14 %subsubsection, H4,      pdf2,
15 %paragraph,     H5,      pdf2,
16 %subparagraph,  H6,      pdf2,
```

```

17 list,          L,          pdf2,
18 itemize,       L,          pdf2,
19 enumerate,     L,          pdf2,
20 description,   L,          pdf2,
21 quote,         BlockQuote,pdf,
22 quotation,     BlockQuote,pdf,
23 verbatim,      Code,       pdf, % overwritten by block
24 item,          LI,         pdf2,
25 itemlabel,     Lbl,        pdf2,
26 itembody,      LBody,      pdf2,
27 footnote,      FENote,     pdf2,
28 footnotemark,  Lbl,        pdf2,
29 footnotelabel, Lbl,        pdf2,
30 text-unit,     Part,       pdf2,
31 text,          P,          pdf2,

```

## 1.2 From sec code

```

32 section-number, Span,      pdf2,

```

## 1.3 From block code

```

33 theorem-like, Sect,        pdf2,
34 verbatim,     Code,        pdf,
35 codeline,     Sub,         pdf2,

```

## 1.4 From float code

```

36 float,        Aside,      pdf2,
37 figures,      Sect,        pdf2,
38 tables,       Sect,        pdf2,

```

```

39 </ns-latex-lab>

```