

YuJa-LaTeX Guide

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1 Overview

This document discusses what is needed to create documents using LATEX that YuJa will judge as compliant with WCAG 2.1.

The document itself is compliant, with the exception of YuJa believing that it has no title.

2 Turning On Tagging

To have tagging, you'll need to include something like this at the very beginning of your document (before the documentclass, even):

```
\DocumentMetadata{  
    lang = en,  
    pdfstandard = ua-2,  
    pdfstandard = a-4f,  
    tagging = on,  
    tagging-setup = {math/setup=mathml-SE}  
}
```

Without tagging, YuJa will score your output document at 0% accessible.

For this command to be understood you will need to be using a very recent version of TexLive (November 2025 or later). There's more work being done continuously, so it's worth updating frequently.

Supposedly, this works better when using lualatex than pdflatex to generate documents. I have not seen a difference myself.

3 Tagging Table Headings

WeekDay	Time	Room
Foo	Bar	Baz
A	B	C
One	Two	Three

Putting this before a tabular environment marks the entire contents of the first row as headers:

```
\tagpdfsetup{table/header-rows=1}
```

Documentation / AI summaries suggest to me that you can mark a tabular environment as below to indicate that it has no headers, but currently YuJa still marks it as a problem:

```
\tagpdfsetup{table/tagging=presentation}
```

Documentation / AI summaries suggest to me that with the makecell package you can put the following in individual tabular cells to mark them as headers, but currently YuJa still marks it as a problem:

```
\thead{My Header}
```

4 Document Metadata

YuJa insists that documents need to have a title. Fair enough, but even documents that *do* have a title still trigger the complaint. I have a Help Desk ticket in to try to figure out what the problem here is.

5 Things That Do Not Work

Many of the packages that I use on a regular basis do not currently support tagging or only partially do so. Among others, those include:

- listings and minted, for inserting source code into a document
- enumitem [partial], for adjusting lists
- fancyvrb [partial], for including text verbatim
- tikz [partial], for drawing diagrams
- algorithm and algorithm2e, for inserting pseudocode
- multirow, for complicated tables
- subfig, for multi-part figures
- theorem, for stating theorems and proofs
- ulem, for underlining

Furthermore, the documentclass beamer is effectively deprecated in favor of ltx-talk, which is in active development.