
Simpler custom PDFs

The technical details

Vanity slide

Software Developer at Wunderdog

Not affiliated with OASIS TC

History

Began as Python backend for PDF Plugin Generator

Rewritten in JavaScript and moved to frontend

Rewritten in XSLT

Converted into DITA-OT plug-in

Formats

JSON is the primary format

YAML is a convenience format

Forgot XML exists 😬



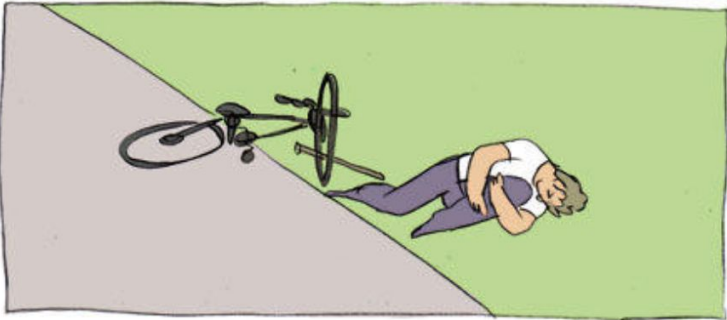
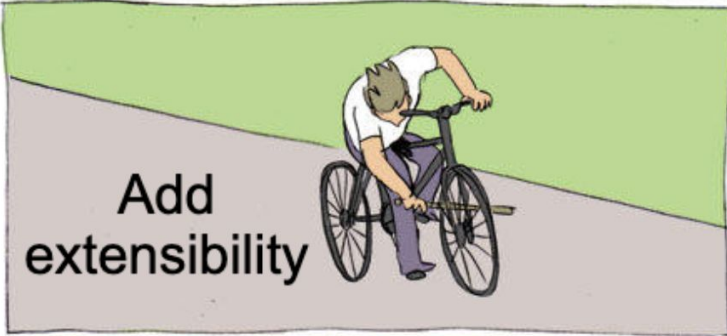
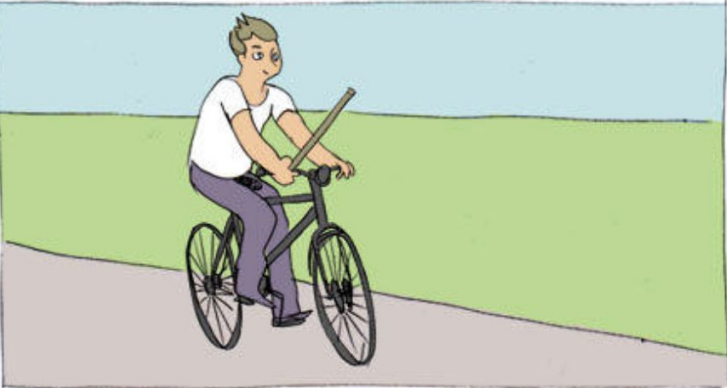
Implementation

DITA-OT plug-in that builds on PDF2 plug-in

Input themes in YAML are converted to JSON

JSON is processed with XSLT 3.0 into XSLT stylesheets

Generated XSLT extends PDF2 stylesheets



Extensibility

No.



TODO

Default style not based on PDF2 default

Better support for Bookmap styling

More styles for different DITA elements

Better support for any language

Validation of supported keys

Hide start-indent complexity

Thank you
