Reporte de pedido

Datos de cliente

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Materiales

Elemento	Material	Color
Elemento 1	Material 1	Negro azabache
Plots	Vegalite	Needs testing
Simple installation	NPM	✖ Problematic
Flowcharts	Mermaid.js	✔ Beautifully working

Elementos adicionales

Elemento	Material	Color
Elemento 1	Material 1	Negro azabache
Plots	Vegalite	Needs testing
Simple installation	NPM	✖ Problematic
Flowcharts	Mermaid.js	✔ Beautifully working

Here is another cool component provided by Semantic UI:

Give it a try !

The ReLaXed homepage is at github.com/RelaxedJS/ReLaXed

Next we will have a look at some differences between ReLaXed and other frameworks.

ReLaXed vs other solutions

Here are a few highlights of what you may win, or lose, using ReLaXed instead of another solution. This section is of course open to contributions.

Let us start with Markdown. This widely supported language (Github, NPM, etc.) became very popular due to its simple and friendly syntax close to plain text. Markdown also has cool editors and extensions. One example is `markdown-preview-enhanced` which can render plots, flowcharts, and equations.
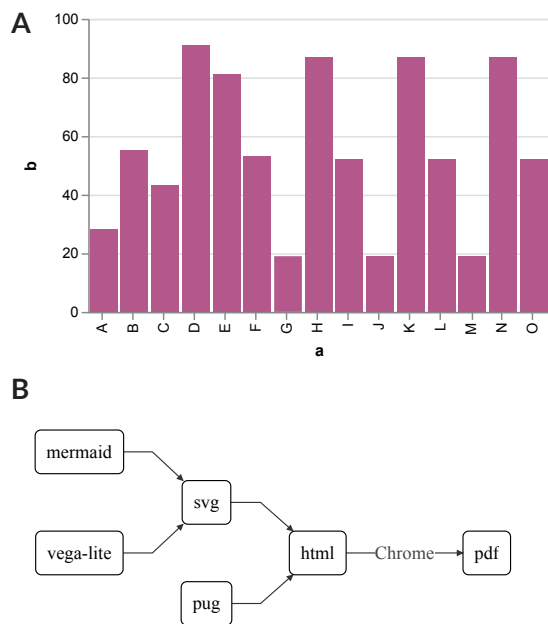

Figure 1: Examples of graphics generated by web frameworks. This also demonstrates figure composition into panels - suck it, markdown ! **A.** Graph defined as a JSON and transformed to SVG using Vega-lite and Chrome. **B.** Graph generated using Mermaid and Chrome.

ReLaXed has been specially extended so that it could support plot, flowchart, and equations (using the same underlying libraries as markdown-preview-enhanced), as illustrated in Figure 1. In addition, ReLaXed allows you to write any kind of layout with boxes, sidebars, etc. HTML elements are more fun to write with Pug (in markdown, HTML elements must be written in plain HTML). You can define macros, use conditionals and loops, use computed expressions using Javascript , and ReLaXed supports (S)CSS which is pretty cool. Last but not least, you can write parts in markdown if you want to 😉 . Yep, that was an emoji. Cost us one line of code, to import Emoji CSS as a stylesheet.

Now what about LaTeX ? Sure, LaTeX is wide-spread in academic and publishing communities, where it's typography and layout optimizations, and its bibliography management tool are very appreciated. But LaTeX is also known for its cryptic errors, its complex advanced syntax which not many make the effort to learn, and as a consequence not many LaTeX venture on the creative side with their own themes and layouts.

Certainly the letter and paragraph spacings won't be as nice in ReLaXed (but Google Chrome is still doing a very good job), but the syntax, clear error messages, etc. will certainly make you happier. ReLaXed is also possibly faster to render big documents (not entirely sure though 🤔).