🦖 ReXLlenT

ReXLlenT is a typst package that helps you convert Excel **xlsx** tables to typst tables, powered by wasm. (Formerly eXMLlent.) The **R** in ReXLlenT stands for *Rust*, the language that wasm plugin is written in. **XL** stands for *Excel*, and **T** stands for the wonderful *Typst*.

Quick Start

Start by importing the package:

```
1 #import "@preview/rexllent:0.2.1": xlsx-parser
```

Then you can use `xlsx-parser` function to convert your xlsx Excel table to typst table.

Example & Usage

sheet-index

By passing `sheet-index` parameter, you can specify the sheet index to parse. The default value is `0`.

```
1 #xlsx-parser(read("test.xlsx", encoding: none), sheet-index: 0)
```

Parameters to Customize Output Table

By toggling parameters below, you can customize the output table:

- `parse-table-style`: Parse table style(columns width, rows height), default is `true`.
- `parse-alignment`: Parse cell content alignment, default is `true`.
- `parse-stroke`: Parse cell stroke, default is `true`.
- `parse-fill`: Parse cell fill, default is `true`.
- `parse-font`: Parse font style, default is `true`.

Here is an example with all parameters set to `false`:

```
1 #xlsx-parser(
2   read("test.xlsx", encoding: none),
3   parse-table-style: false,
4   parse-alignment: false,
5   parse-stroke: false,
6   parse-fill: false,
7   parse-font: false,
8 )
```

hello	hello		
hello	hello	hello	hello
	hello	hello	hello
hello			hello
hello	hello	hello	
hello		hello	hello
hello	hello	hello	
		hello	hello

And examples with each parameter set to `false`:

1. `parse-table-style: false`

```
1 #xlsx-parser(
2   read("test.xlsx", encoding: none),
3   parse-table-style: false,
4 )
```


2. `parse-alignment: false`

```
1 #xlsx-parser(
2   read("test.xlsx", encoding: none),
3   parse-alignment: false,
4 )
```

3. `parse-stroke: false`

```
1  #xlsx-parser(
2    read("test.xlsx", encoding: none),
3    parse-stroke: false,
4  )
```

4. `parse-fill: false`

```
1 #xlsx-parser(
2   read("test.xlsx", encoding: none),
3   parse-fill: false,
4 )
```

hello	hello

hello

| hello | hello |
| | hello |

hello

hello

hello

hello | hello | hello

hello | hello | hello

hello | hello | **hello**

| hello | hello |

5. `parse-font: false`

```
1 #xlsx-parser(
2   read("test.xlsx", encoding: none),
3   parse-font: false,
4 )
```

hello | hello
hello | hello | hello | hello
| | | hello
hello | | hello
| hello |
hello | hello | hello
hello | hello | hello
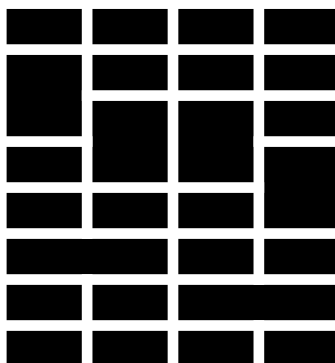hello | hello | hello
hello | hello
hello | hello

Extra Parameters

You can also customize the table style by passing arguments to the table. Here is an example:

```
1  #xlsx-parser(
2    read("test.xlsx", encoding: none),
3    parse-table-style: false,
4    parse-alignment: false,
5    parse-stroke: false,
6    parse-fill: false,
7    parse-font: false,
8    // args below will be passed to the table
9    fill: black,
10   stroke: 4pt + white,
11 )
```

Limitations

- Only supports xlsx format.
- Not yet implemented in-cell image parsing.

- Cannot detect special characters in typst, which may cause parsing errors.

Credits

- lublak/typst-spreet-package
- MathNya/umya-spreadsheet

License

This package is licensed under the MIT License.

Have fun with ReXLlenT! 🎉