Cotton Markdown Tables for Google Sheets
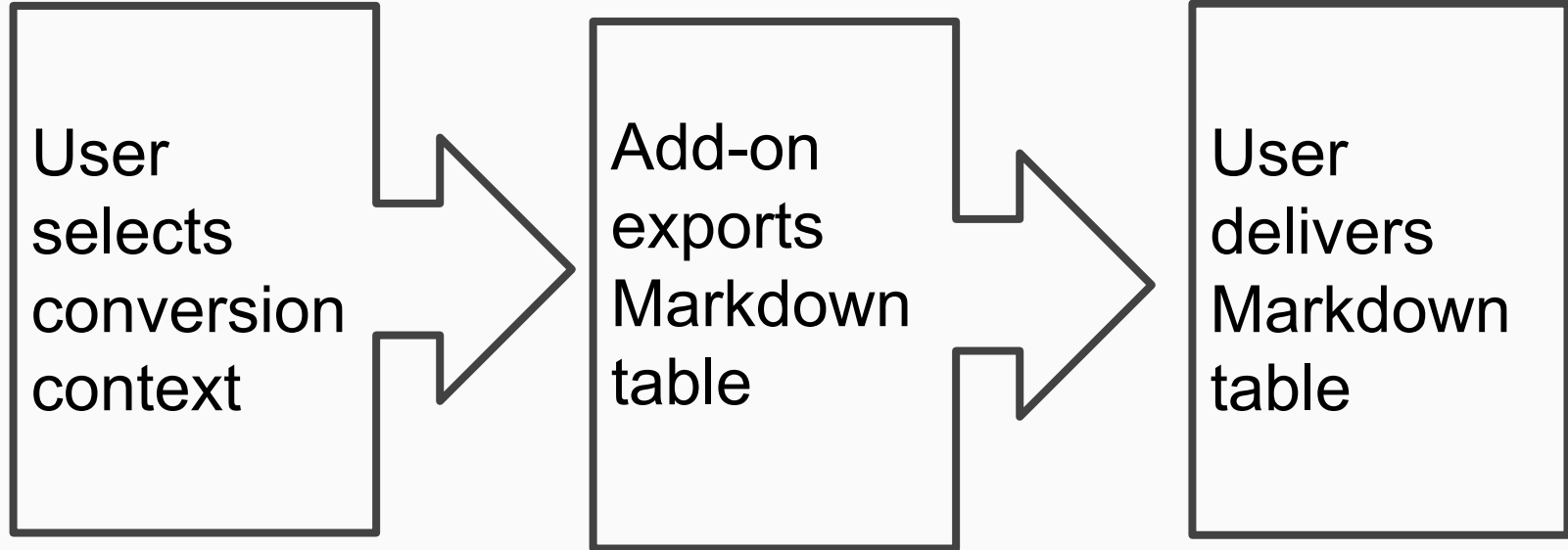
https://github.com/pffy/markdown-table

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This add-on **exports Markdown tables** from Google Sheets.

How it works

User selects conversion context → Add-on exports Markdown table → User delivers Markdown table

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User selects the **conversion contexts.**

Context selections

Three contexts for selections

- Range context
- Sheet context
- Named range context

Range context

- Convert selected range to a single markdown table
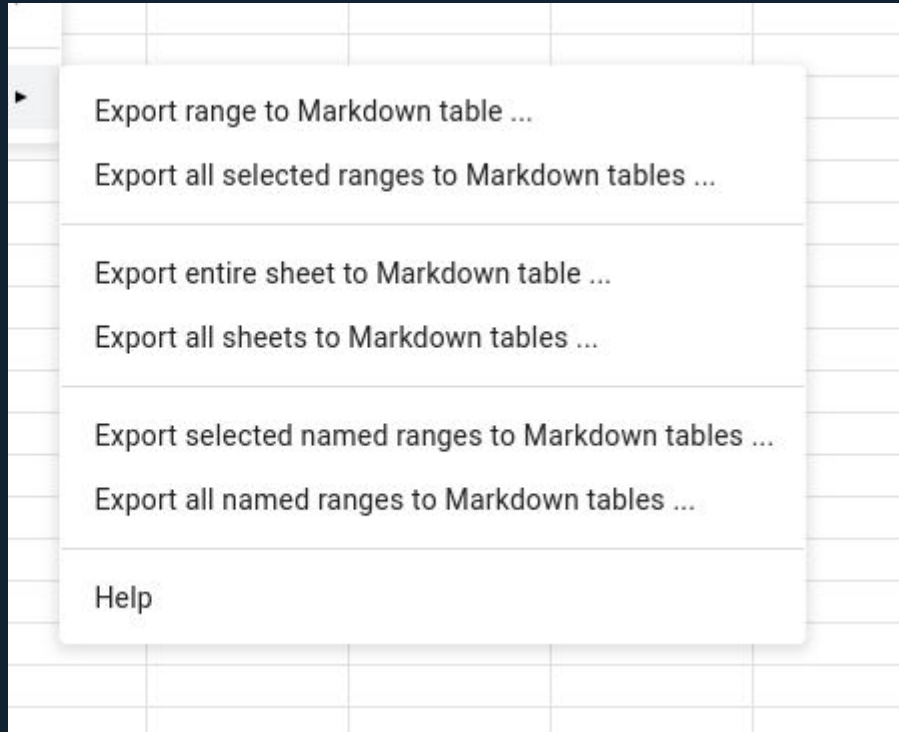- Convert multiple selected ranges to a markdown table group

Sheet context

- Convert entire sheet into a single markdown table
- Convert all sheets in workbook to a markdown table group

Named range context

- Convert selected predefined ranges into a markdown table group
- Convert all named ranges into a markdown table group

Add-on menu options

Export range to Markdown table ...

Export all selected ranges to Markdown tables ...

Export entire sheet to Markdown table ...

Export all sheets to Markdown tables ...

Export selected named ranges to Markdown tables ...

Export all named ranges to Markdown tables ...

Help

Add-on automation

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Add-on automation detects and converts spreadsheet values into Markdown syntax.

Add-on automation

- Columns alignments (left, center, or right) are based on the first row of the selection

Add-on automation

- Font formatting
  - Bold
  - Italic
  - Strike-through
  - Underline

Add-on automation

- Monospace fonts are detected and text is converted to code syntax
- Line breaks in spreadsheet cells are converted to HTML line breaks

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Add-on automation

- Cell notes are indexed and referenced in the table with superscript numbers.
- Notes are compiled into footnotes displayed below the table

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Add-on automation

- Checkboxes are detected and converted to checked or unchecked text representations

Add-on automation

- Double-bracketed YouTube URLs are converted into a linked video thumbnail image
- Optional cell notes annotate the thumbnail image

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Add-on automation

- The =IMAGE( ) formula is detected and converted into an <IMG> HTML element with the row height, column width, and (optional) notes added.

Add-on automation

- The =HYPERLINK( ) formula or hypertext formatting is detected and converted into (optionally labeled) web links.

Export options

Three export options include copy, save, or download Markdown text.

Three export options

- Copy text to clipboard
- View plain text Markdown document in Google Drive or Drive apps
- Download document to desktop

Export page

Developer notes

Developer notes: strengths

- Deployment is curated and monitored by Google Trust and Safety
- New Apps Script APIs and runtimes have improved development experience

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Developer notes: weaknesses

- Add-on Apps Script code execution has resource limits and 300 second server timeouts

Developer notes: opportunities

- Considering alternative platforms, such as MS Excel or Linux CLI
- Adding more languages and locales with L10N and I18N may improve user experiences

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Developer notes

Source code available here:

https://github.com/pffy/markdown-table

Thank you.

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