WYSIWYG and Markdown

This is a project to try to attain 3 objectives

1. A commonly used text syntax like Markdown supported natively in Tiki. Better than PluginMarkdown
   - The CommonMark spec is extensive: https://spec.commonmark.org/
   - We use Markdown for bold, bullets, etc. and we keep our current syntax for plugins
     {PLUGINNAME()} ... {PLUGINNAME}
   - And over 5-10 years, we deprecate and eventually remove support for Tiki syntax
   - We do what failed here: http://www.wikicreole.org/wiki/TikiWikiCMSGroupware WikiCreole was
     an attempt to get a common wiki syntax which is more or less what Markdown is.
   - To have a realistic transition, each text area will have a choice of various syntaxes, so each Tiki
     instance can move at their own pace.

2. A reliable WYSIWYG editor that handles both HTML and markdown with our plugin syntax and avoids
   https://wysiwygproblems.com/
   - https://medium.com/maatwebsite/lets-see-wyg-with-these-editors-e5720e91a626
   - https://github.com/JefMari/awesome-wysiwyg

3. Realtime collaborative editing
   - Can be done in a second step
   - Could be done with TogetherJS or with another method

Steps

1. Scope high level plan
2. Compare implementation options
3. Gather community agreement
4. Gather resources (We have one potential sponsor so far and we will need more sponsorship)
5. Assemble team (around Jonny) and do it!

Options

TOAST UI Editor

- "The main characteristic of TOAST UI Editor is that it is a markdown based editor that support
  WYSIWYG editor simultaneously."
- Test here: https://nhn.github.io/tui.editor/latest/tutorial-example03-editor-with-wysiwyg-mode
- About major changes in latest version: https://github.com/nhn/tui.editor/releases/tag/v3.0.0
- MIT License
- Based on ProseMirror
- Has an image editor
- Available here: https://asset-packagist.org/package/bower-asset/tui-editor
- This model is the most reliable way to have both a text syntax and WYSIWYG, but for legacy HTML
  content, we’d have to continue with CKEditor
Related links

- https://discuss.prosemirror.net/t/offline-peer-to-peer-collaborative-editing-using-yjs/2488
- https://blog.kevinjahns.de/are-crds-suitable-for-shared-editing/
- https://www.tiny.cloud/blog/real-time-collaboration-ot-vs-crdt/
- People want Markdown: https://forum.virtualmin.com/t/links-to-documentation-are-broke/111602