

Why is VisualEditor different?

Ed Sanders
Wikimania 2015

MediaWiki has ^{unique} issues

MediaWiki presents some unique problems that nobody else is solving for.

Lucha libre: Difference between revisions

From Wikipedia, the free encyclopedia

Revision as of 19:29, 14 April 2015 (edit)

76.118.45.130 (talk)

(Tags: Mobile edit, Mobile web edit)

← Previous edit

Revision as of 19:30, 14 April 2015 (edit) (undo)

Yamaguchi氏 (talk | contribs)

m (Reverted edits by 76.118.45.130 (talk) to last version by Kephir)

Next edit →

Line 2:

[[Use mdy dates|date=August 2013]]

[[File:El Hijo De Santo vs Blue Demon Jr.jpg|thumb|Blue Demon Jr. vs. El Hijo Del Santo]]

“Lucha libre” (IPA-est/lu/ɬa) is a **verreerery boning sport with no effort and is fake so just making sure its pretty bad**. Spanish-speaking countries, for a form of [[professional wrestling]] that has developed within those countries. Although the term nowadays refers exclusively to professional wrestling, it was originally used in the same style as the English term “[[freestyle wrestling]]”,^{<ref name=won>{{cite journal|author=Dave Meltzer|journal=Wrestling Observer Newsletter|date=October 1, 2008}}</ref>} referring to an [[amateur wrestling]] style without the restrictions of [[Greco-Roman wrestling]].

Mexican wrestling is characterized by colorful [[Lucha libre#Masks|masks]], rapid sequences of holds and maneuvers, as well as [[professional wrestling aerial techniques|“high-flying” maneuvers]], some of which have been adopted in the United States. The wearing of masks has developed special significance, and matches are sometimes contested in which the loser must permanently remove his mask, which is a wager with a high degree of weight attached. [[Tag team]] wrestling is especially prevalent in lucha libre, particularly matches with three-member teams, called “trios”.

Line 2:

[[Use mdy dates|date=August 2013]]

[[File:El Hijo De Santo vs Blue Demon Jr.jpg|thumb|Blue Demon Jr. vs. El Hijo Del Santo]]

“Lucha libre” (IPA-est/lu/ɬa) **libre**, meaning “free wrestling” is a term **used in Mexico, and other** Spanish-speaking countries, for a form of [[professional wrestling]] that has developed within those countries. Although the term nowadays refers exclusively to professional wrestling, it was originally used in the same style as the English term “[[freestyle wrestling]]”,^{<ref name=won>{{cite journal|author=Dave Meltzer|journal=Wrestling Observer Newsletter|date=October 1, 2008}}</ref>} referring to an [[amateur wrestling]] style without the restrictions of [[Greco-Roman wrestling]].

Mexican wrestling is characterized by colorful [[Lucha libre#Masks|masks]], rapid sequences of holds and maneuvers, as well as [[professional wrestling aerial techniques|“high-flying” maneuvers]], some of which have been adopted in the United States. The wearing of masks has developed special significance, and matches are sometimes contested in which the loser must permanently remove his mask, which is a wager with a high degree of weight attached. [[Tag team]] wrestling is especially prevalent in lucha libre, particularly matches with three-member teams, called “trios”.

People actually read diffs and care about source formatting: Most document editors (HTML or otherwise) don't care what the source code looks like, e.g. MS Word

Lucha libre

From Wikipedia, the free encyclopedia

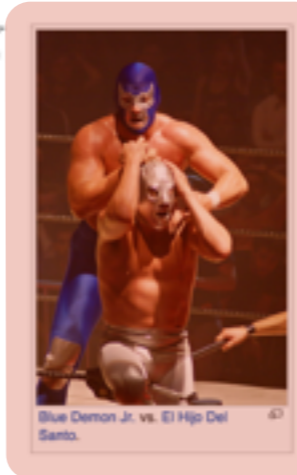
For the comic book series, see [Lucha Libre \(comics\)](#).

Lucha libre (Spanish pronunciation: [ˈlutʃa ˈliβɾe], meaning "free wrestling") is a term used in Mexico, and other Spanish-speaking countries, for a form of [professional wrestling](#) that has developed within those countries. Although the term nowadays refers exclusively to professional wrestling, it was originally used in the same style as the English term "[freestyle wrestling](#)",^[1] referring to an [amateur wrestling](#) style without the restrictions of [Greco-Roman wrestling](#).

Mexican wrestling is characterized by colorful [masks](#), rapid sequences of holds and maneuvers, as well as "high-flying" [maneuvers](#), some of which have been adopted in the United States. The wearing of masks has developed special significance, and matches are sometimes contested in which the loser must permanently remove his mask, which is a wager with a high degree of weight attached. [Tag team](#) wrestling is especially prevalent in lucha libre, particularly matches with three-member teams, called [trios](#).

Lucha libre wrestlers are known as [luchadores](#) (singular [luchador](#)) ("wrestler[s]"). They usually come from [extended wrestling families](#) who form their own stables. One such line integrated to the United States professional wrestling scene is [Los Guerreros](#).

Lucha libre has also transcended the language barrier to some extent as evidenced by works such as [Los Luchadores](#), [¡Mucha Lucha!](#), and [Nacho Libre](#). It also appears in other pop culture such as mainstream advertising: In Canada [Telus' Koodo Mobile](#) Post Paid cell service uses a cartoon lucha libre wrestler as its spokesperson/mascot.



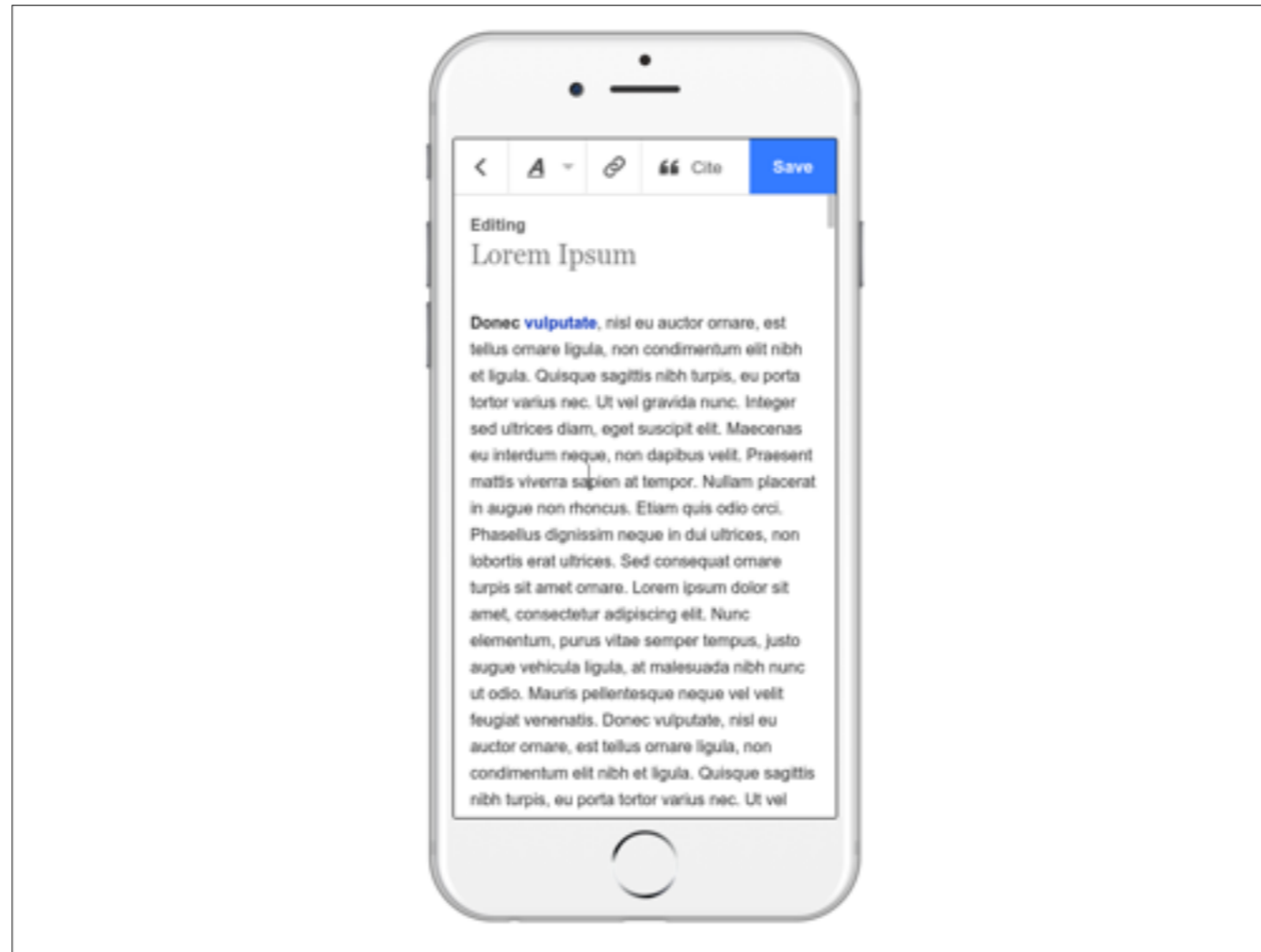
A lot of content is generated: Some things can't be edited directly.

We have high standards

We are solving a lot of hard problems that other people gloss over, because we hold the product to a higher standard of quality.



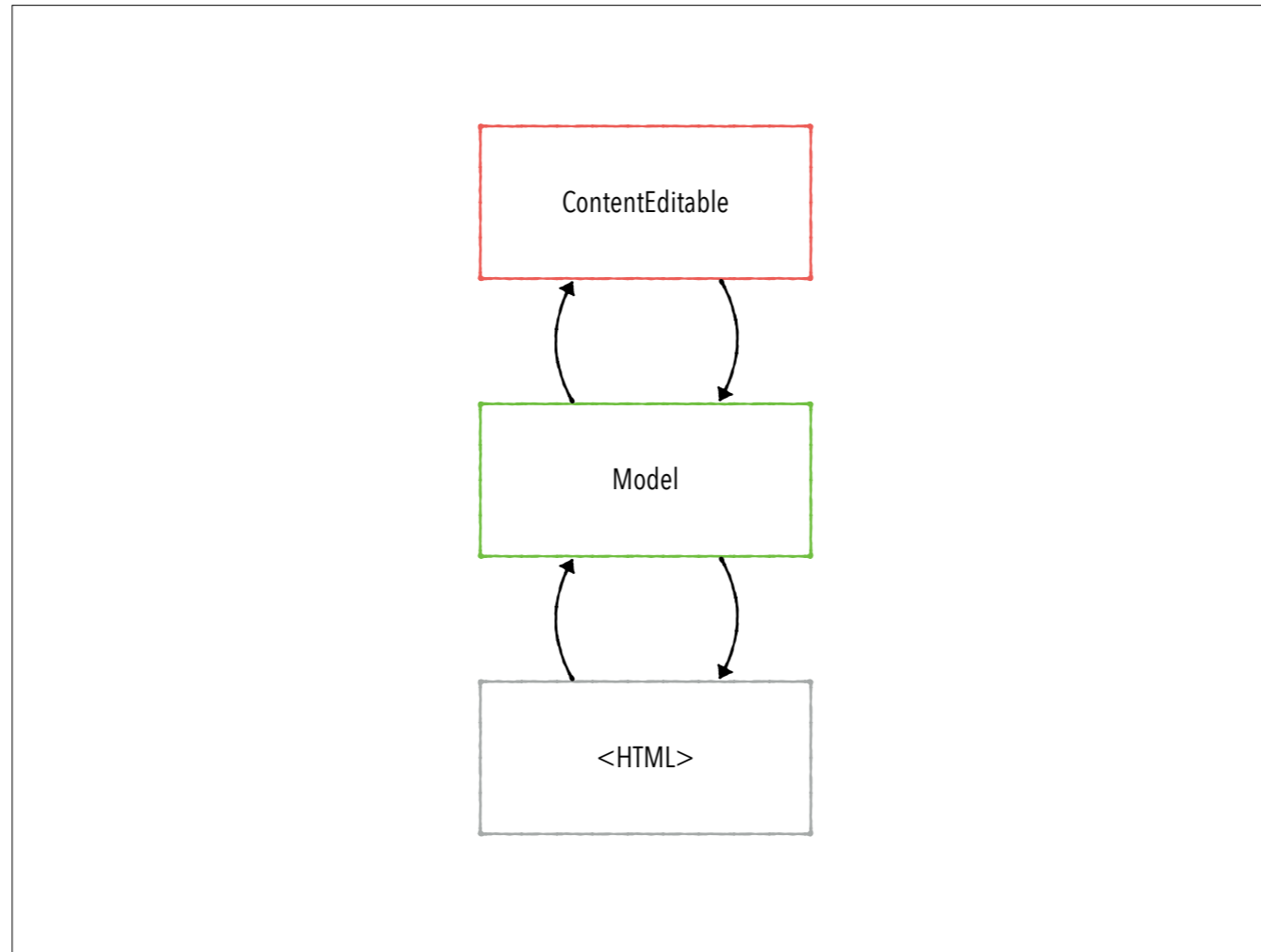
Clean rich-text copy paste: You can put any HTML in the clipboard so we need some sanitization.



Mobile compatibility: Nobody does cross platform.

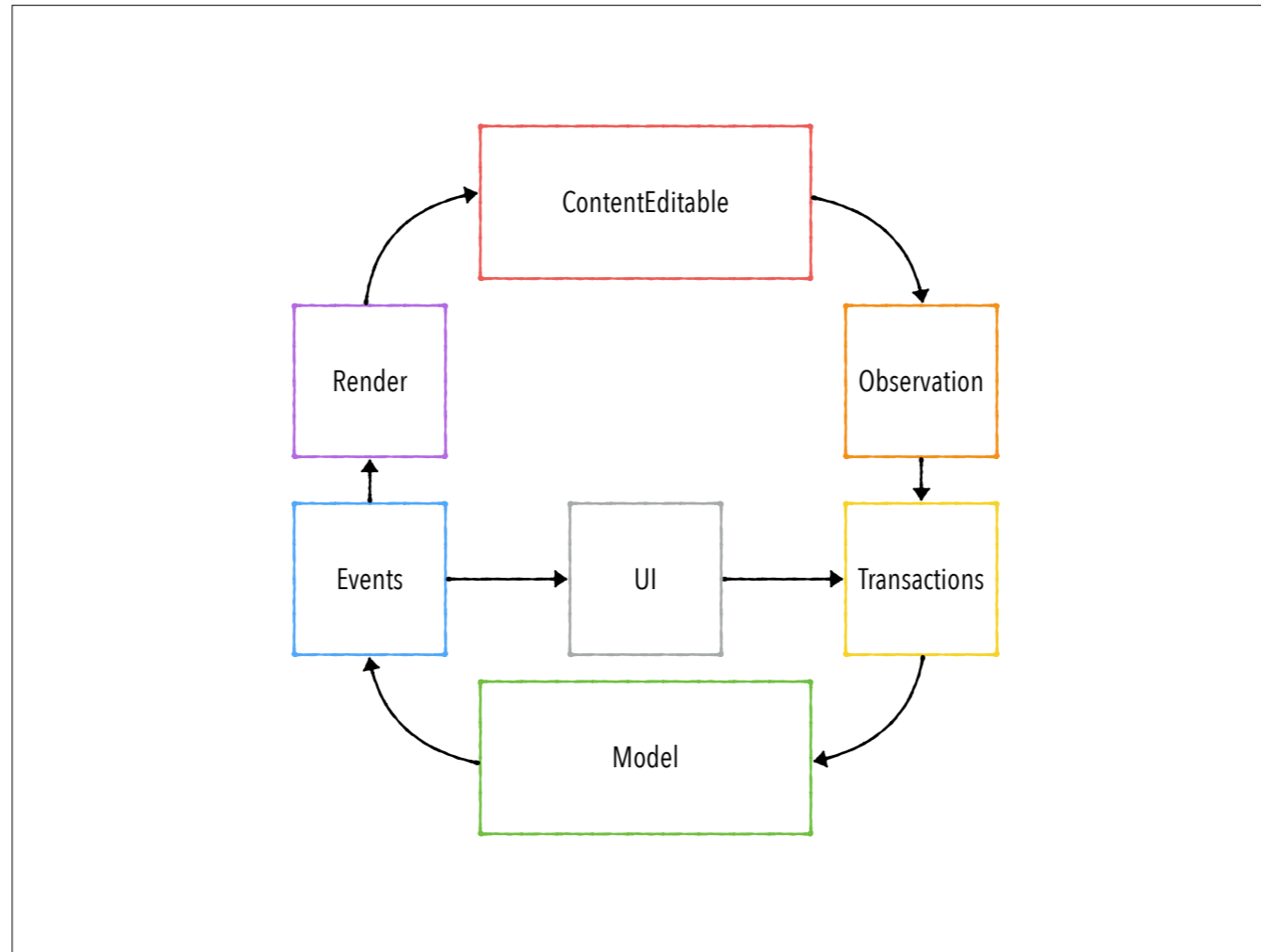
What we did differently

In building VisualEditor from scratch, we naturally did a few things differently.



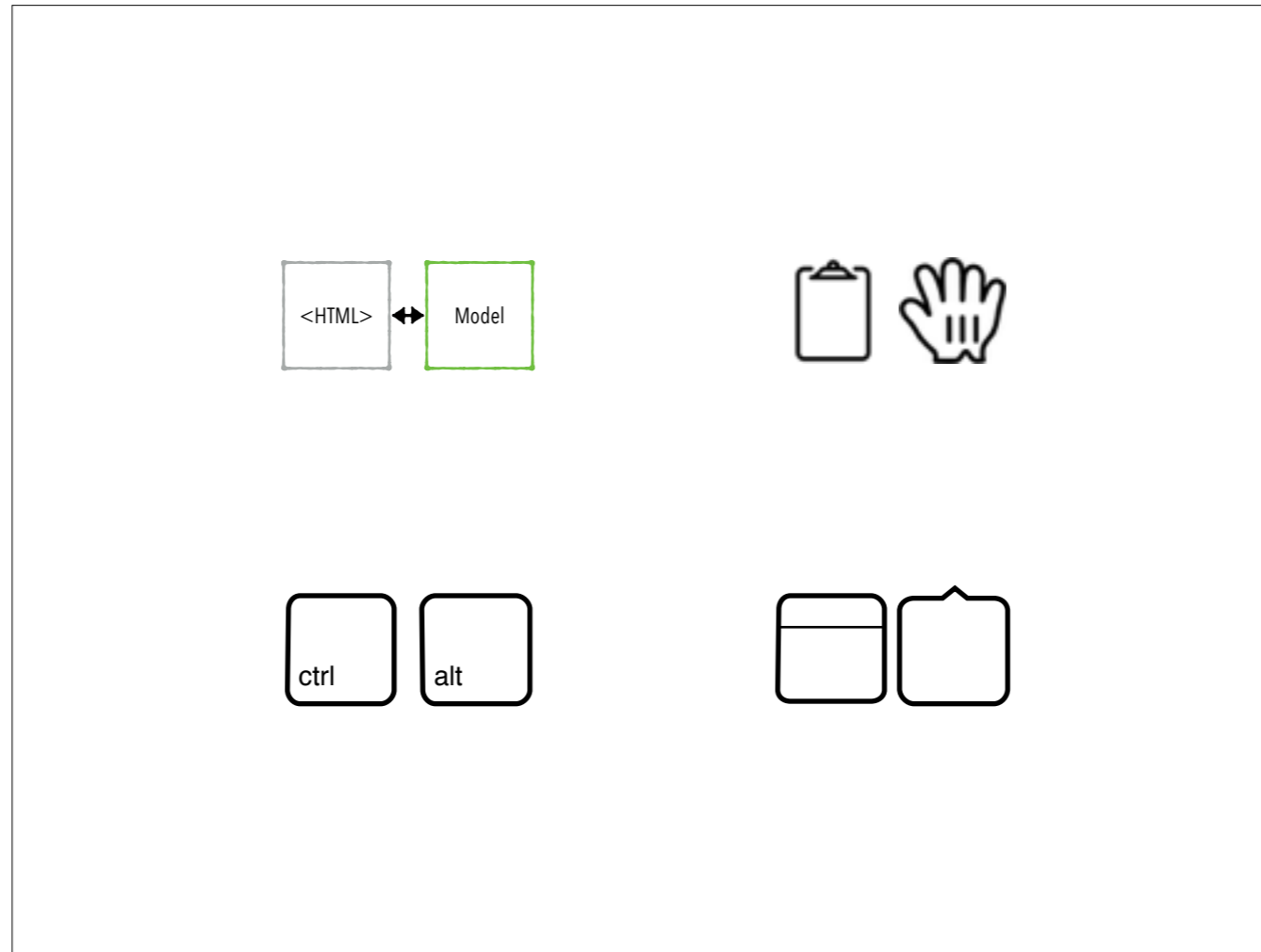
Separate data model instead of the DOM:

- Everyone has access to the DOM. CE doesn't modify it predictably and browser plugins can corrupt it.
- We convert HTML to a linear model, basically a flat JSON array of every character and tag, with precise bi-directional conversion



ContentEditable on a very short leash:

- We need CE for native support
- We only use CE as view and for plain text input via careful observation
- Some places it doesn't work so well, like selecting focusables (rendering is poor), or multiple selections, so we fake
- Sometimes this leads to it's own problems like right click



General solutions: Registries

Functionality is linked together using symbolic names, allowing just about anything to be extended by subclassing and registering.

- HTML node handlers - Each node class defines conversion in both directions, helping build a linear model from HTML and vice-versa.
- Paste and drag & drop handlers
- Keyboard shortcuts
- Inspectors/dialogs for editing specific types

Lucha libre

From Wikipedia, the free encyclopedia

Content generated by an unsupported parser hook

For the comic book series, see [Lucha Libre \(comics\)](#).

✎

Lucha libre (Spanish pronunciation: [ˈlut͡ʃa ˈliβɾe], meaning "free wrestling") is a term used in Mexico, and other Spanish-speaking countries, for a form of [professional wrestling](#) that has developed within those countries. Although the term nowadays refers exclusively to professional wrestling, it was originally used in the same style as the English term "[freestyle wrestling](#)",^[1] referring to an [amateur wrestling](#) style without the restrictions of [Greco-Roman wrestling](#).

Mexican wrestling is characterized by colorful [masks](#), rapid sequences of holds and maneuvers, as well as "[high-flying](#)" maneuvers, some of which have been adopted in the United States. The wearing of masks has developed special significance, and matches are sometimes contested in which the loser must permanently remove his mask, which is a wager with a high degree of weight attached. [Tag team wrestling](#) is especially prevalent in [lucha libre](#), particularly matches with three-member teams, called [trios](#).



General solutions: Alienation

- There are about 10 files containing all the logic to handle images (block/inline), if I delete these files, VE would continue to work with no complaints:
- The insert image would disappear from the toolbar.
- Images would become un-editable aliens, but you could still cleanly edit a document.
- So not only can we add new features, but we can strip feature we don't want.

Features

Some examples of features this architecture has made possible: *(Live demo)*

- **Generated content:** Templates, images, references
 - Blocks of generated HTML are a single element in the linear model and can be modified and re-generated by changing parameters
- **Drag and drop:** CSV drop to table insertion
 - Linear model is generated from dropped data using MIME types provided by FileTransferHandler (file extensions as a fallback)
 - In this example we respond to onFileLoad, parse the CSV data, build a linear model for a table and then build and resolve the promise with that model data
- **Sequences:** Wikitext helpers and mention feature in flow
 - Events can be fired when specific key sequences are typed

Extensions

(Show VE components of the Math extension)

A general-purpose HTML editor

- Core is separate from MediaWiki
- Depends only on OOjs UI and jQuery
- MIT licensed

Long-term goals

- Real-time collaboration
- History playback
- Visual diff rendering

Gracias

esanders@wikimedia.org