

visual | editor

Quarterly Review: 2012-13 Q4 (1 April - 31 June 2013)

17 July 2013

AGENDA

- Our objectives
- Progress in 2012/13 Q4
- Expected deliverables in 2013/14
- Questions and general discussion

OBJECTIVES

LONG-TERM OBJECTIVES

- Be the default (and best) editor for all Wikimedia wikis
 - Adding currently-missing editing abilities (e.g. tables) and better HTML (e.g. variants)
 - Improved performance, stability, scalability and usability/efficiency
- Be the default editor for MediaWiki core (“shipped with tarball”), available for third parties
- Be a great general editor for non-MediaWiki users too, encouraging an ecosystem of reusers

PROGRESS IN 2012/13 Q4

PROMISED AT LAST QUARTERLY REVIEW

- 2012/13 Q4: a beta “general content” editor in production as the default for all – **Ongoing**
 - templates (at least, the core templates used in references); **M**
 - references (at least, simple auto-numbered ones and multiple uses of the same cite); **M**
 - images (set/adjust options and captions; insert from library); and **M**
 - categories (add/remove, set sort key and default sort key). **M**
 - *Deployed for all users on main and user namespaces on all* Wikipedias.* **M**
- * - If we find out late that there are major issues with a language / language feature, we may need to skip those wikis for July

PROMISED AT LAST QUARTERLY REVIEW

- 2012/13 Q4: a beta “general content” editor in production as the default for all – **Ongoing**
 - templates (at least, the core templates used in references); – **Met/Exceeded**
 - references (at least, simple auto-numbered ones and multiple uses of the same cite); – **Met**
 - images (set/adjust options and captions; insert from library); and – **Partially met**
 - categories (add/remove, set sort key and default sort key). – **Partially met**
- *Deployed for all users on main and user namespaces on all* Wikipedias.* – **Ongoing**

* - If we find out late that there are major issues with a language / language feature, we may need to skip those wikis for July

TEMPLATE DIALOG AS PROMISED

Mockup

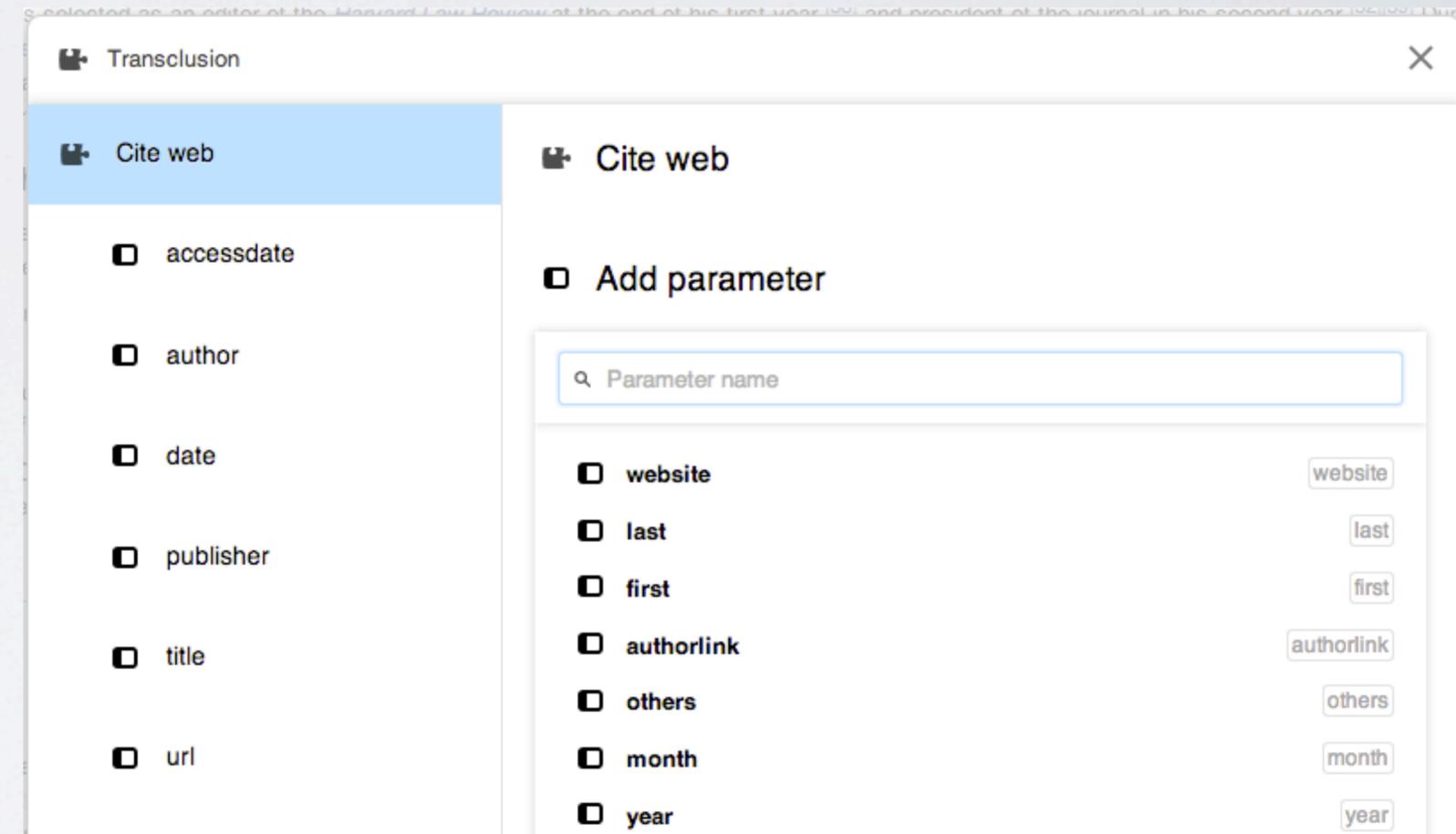
- Lets editors add new template invocations and edit the parameters for existing ones.
- Will use a new *TemplateData* extension to hint what a template's parameters can be.
- Fall-back to providing the parameters as used on the page and the ability to add free-form ones for un-hinted templates.
- Very complex / multi-part templates may not work, at least at first.

Options	Lengths ▾
Mm km m cm mm μm nm	
A mi furlong chain rd fathom	
yd ft in nmi pc ly AU	

TEMPLATE DIALOG AS DELIVERED

Production screenshot

- **Met:** the dialog lets editors add new template invocations and edit the parameters for existing ones, using *TemplateData* to hint parameters.
- **Exceeded:** Covers multi-part templates.
- **Further work:** A better/smoothier workflow for adding transclusion calls, hinting improvement, and fixing operational issues with delays in hints coming through.



REFERENCE DIALOG AS PROMISED

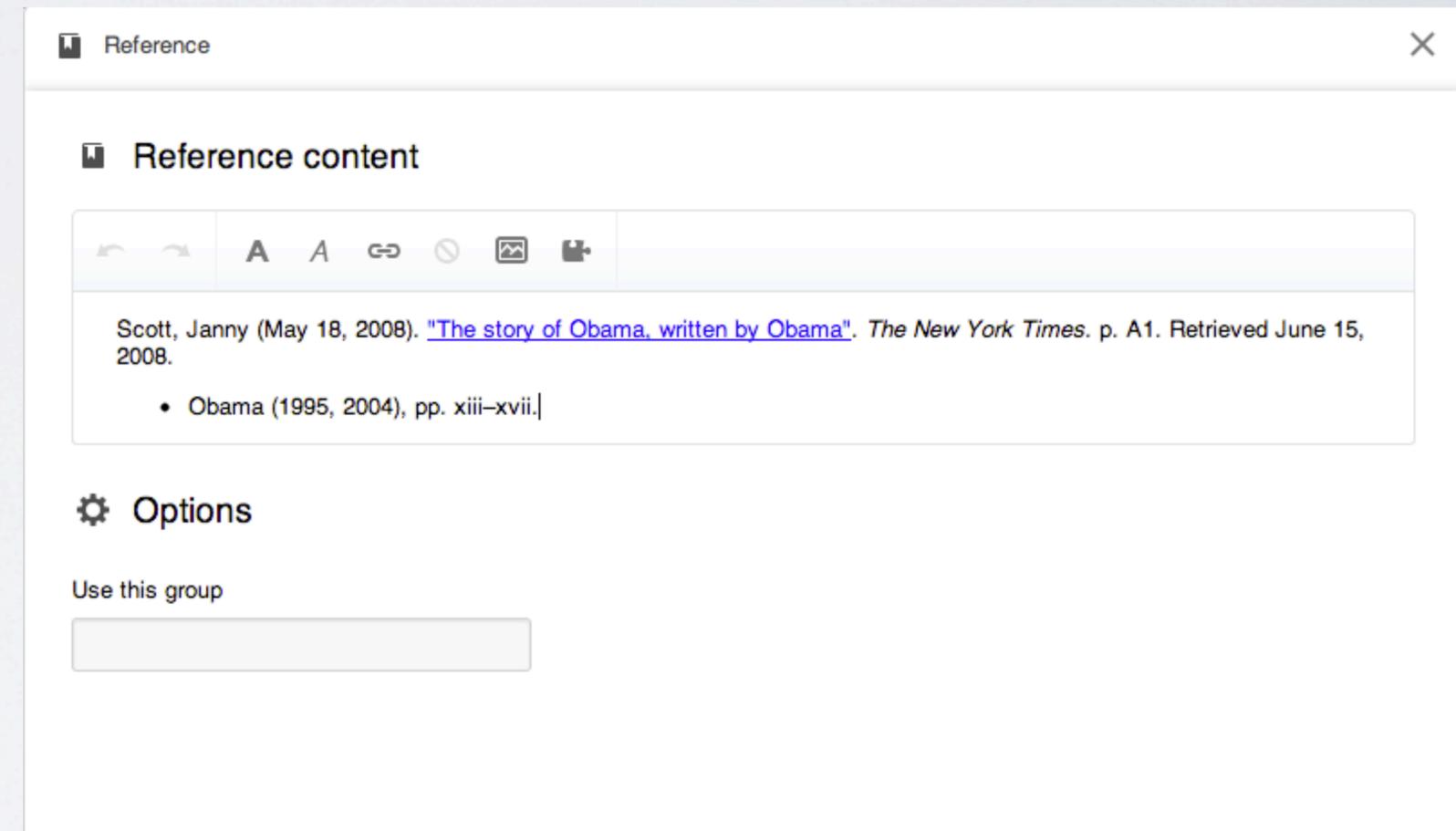
- Lets editors add new references, duplicate references, and edit existing ones' contents and citation name.
- Depends on the template dialog & hinting to usefully edit the majority of references.
- Not yet decided UX-wise how the `<ref>` & `<references />` blocks will be edited.
- Grouped references (Notes vs. References) may not work, at least at first.

No mockup provided in previous review

REFERENCE DIALOG AS DELIVERED

Production screenshot

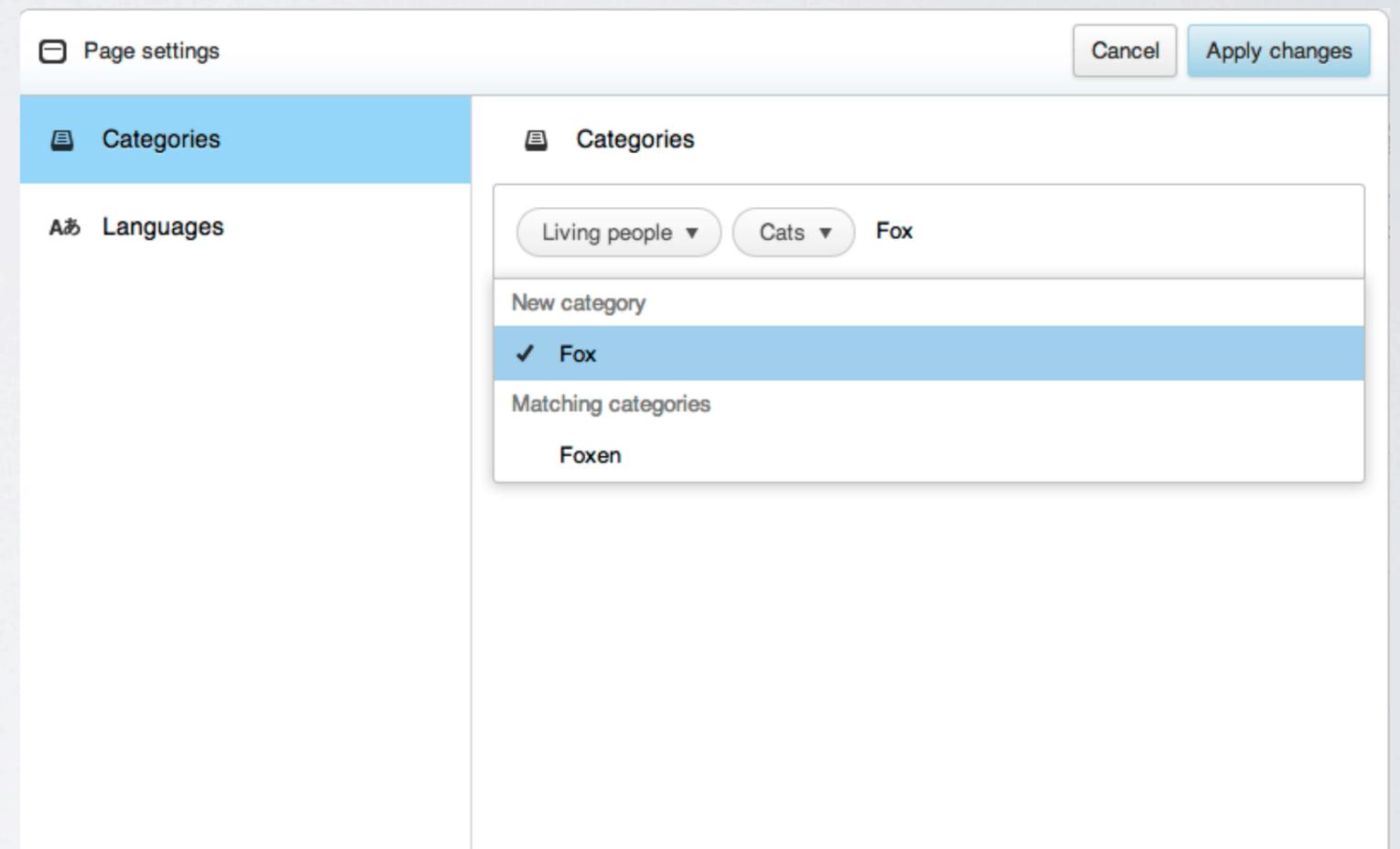
- **Met:** the dialog and general surface lets editors add new references, duplicate references, and edit existing ones' contents and citation name; reference lists can be inserted/removed/replaced.
- **Exceeded:** Grouped references available.
- **Further work:** More work on a better/smooth work-flow for adding references, particularly in integration with wiki-specific standard citation templates.



CATEGORY DIALOG AS PROMISED

- Lets editors list the current categories, and add or modify them at a “page-level”.
- Able to set and edit each category’s sort-key, and the page’s *DEFAULTSORT* setting.
- Also show editors the categories that are transcluded from templates (non-editable).
- In a wider page settings dialog for lang-links and other meta-data (*#REDIRECT*, *NOTOC*, etc.) which are scheduled post-July.

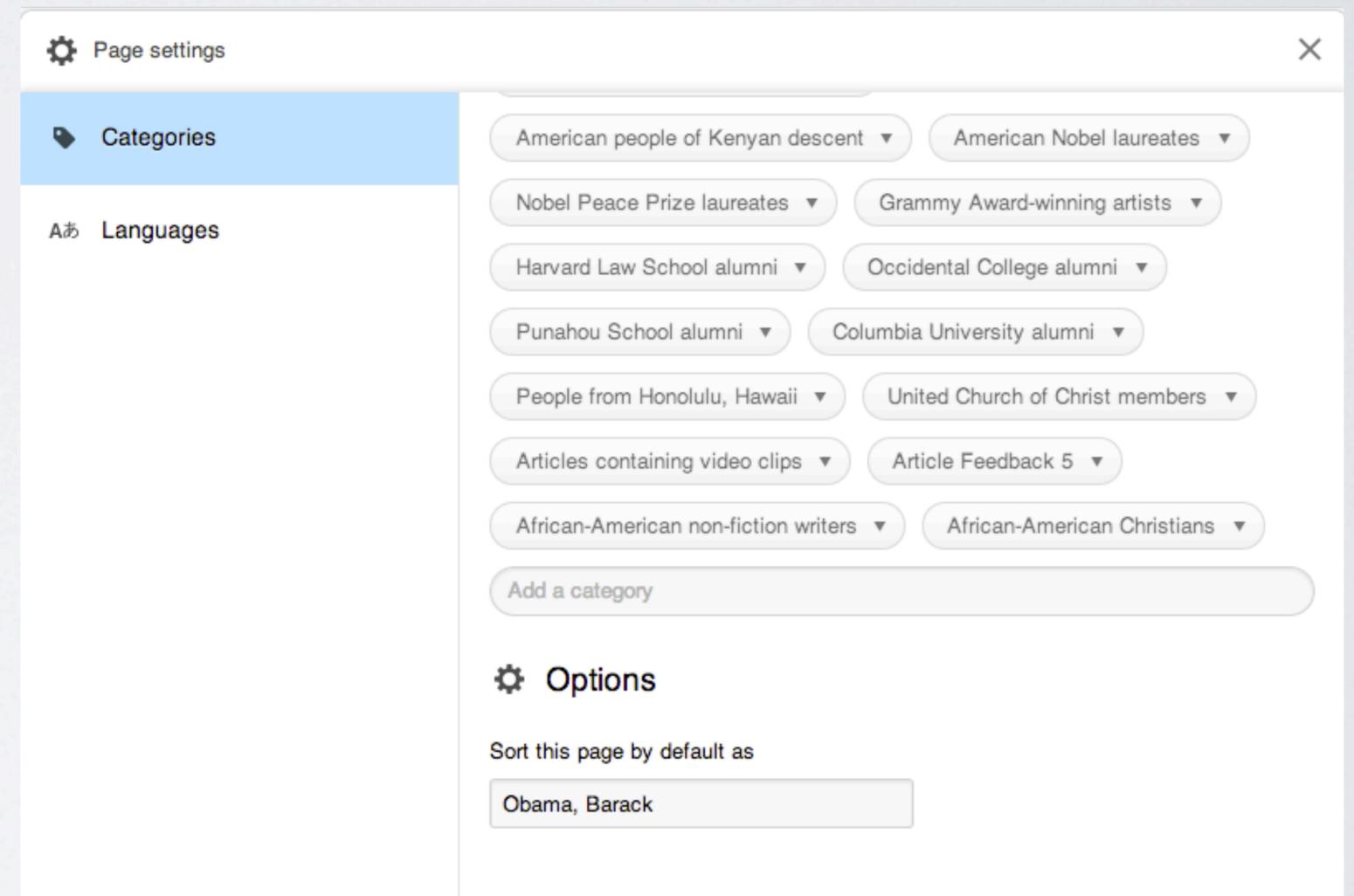
Development screenshot



CATEGORY DIALOG AS DELIVERED

Production screenshot

- **Met:** Lets editors list current categories, and add or modify them at a “page-level”; able to set and edit each category’s sort-key, and the page’s *DEFAULTSORT* setting.
- **Not met:** Show editors the (uneditable) categories transcluded from templates.
- **Further work:** Transcluded and hidden categories; editable language links and page behaviour settings (*#REDIRECT*, etc.)



MEDIA DIALOG AS PROMISED

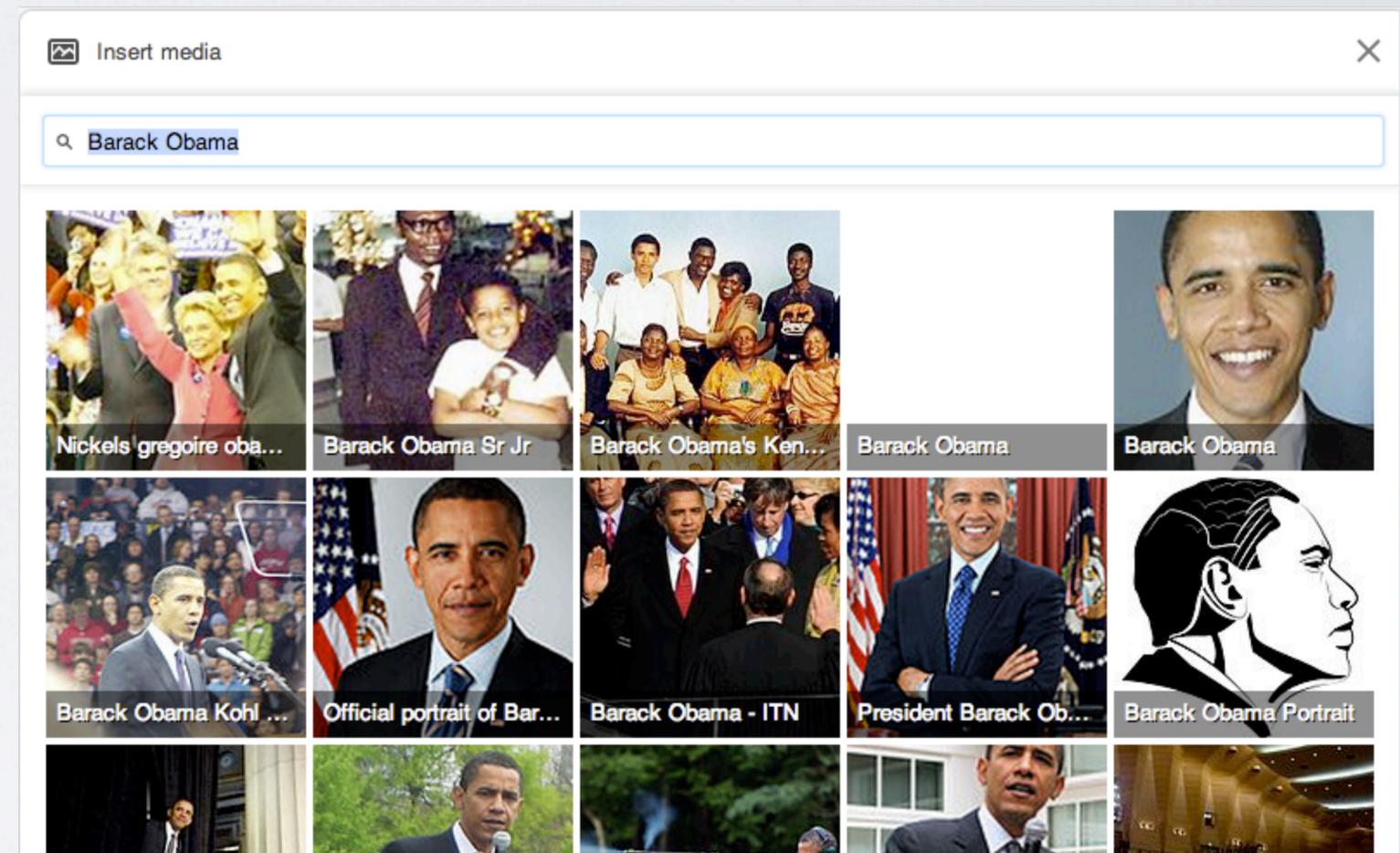
- Lets editors add new media items (photos, videos, ...) or change the settings on one.
- Able to set and edit captions (in a mini-editor), size, thumb/frame, float status, etc.
- Adding new items will search the wiki's available libraries (extensible, e.g. YouTube for Wikia or Flickr|CC for Commons).
- Uploading new items on-page (through drag-and-drop) a future option (post-July).

No mockup provided in previous review

MEDIA DIALOG AS DELIVERED

Production screenshot

- **Met:** Lets editors add new Commons or local media items (photos, videos, ...), resize and change the caption on one.
- **Not met:** Change non-caption settings on a media item, like thumb/frame, float status, exact size in pixels, etc.
- **Further work:** Uploading new items on-page (through drag-and-drop).



EXPECTED DELIVERABLES IN 2013/14

LEGEND

Here follows a rough plan of new & extended features and other work we currently foresee working on in the coming year; it is not final

Q1 We currently aim to get this done in FY2013/14 Q1 (by end of September 2013)

Q2 We currently aim to get this done in FY2013/14 Q2 (by end of December 2013)

Q3 We currently aim to get this done in FY2013/14 Q3 (by end of March 2014)

Q4 We currently aim to get this done in FY2013/14 Q4 (by end of June 2014)

Unscheduled We do not currently aim to get this done in FY2013/14 (before July 2014)

***** This work depends on significant work in Parsoid

! This work depends on very significant work in Parsoid

[Component] This work depends on significant work in *[Component]* (generally in MediaWiki)

CORE PLATFORM

- Extensibility and plug-in architecture – *3rd parties can easily add extensions/integrations* Q1
- Stability – *Squashing every bug we can, improving reliability & removing glitches* Q2
- Performance – *Improvements for users in how quickly it loads, saves and lets them edit* Q2
- Scalability – *Improvements for Wikimedia in reducing server-side demand and impact* * Q2
- Real-time Collaboration – *An alpha for RT editing; still TBD how this would work* Q4

CORE FUNCTIONALITY

- Hidden content – *Show HTML comments & hidden templates for action/interaction* Q1
- Rich text copy-&-paste – *So users can copy in content from other sources & VE surfaces* Q1
- No-wiki blocks – *So users can edit content that has wikitext-like components* Q1
- Better browser support – *At least for Internet Explorer 9+; possibly others too* Q1
- Content style hinting – *So that red links, stubs, etc. show up as such* [MW] Q1
- Re-evaluate content munging – *e.g. how we deal with absolutely positioned content* Q2

CORE FUNCTIONALITY

Bailing to source mode – *One-way switch from VE into wikitext editor without saving* Q2

Outline mode – *Or another alternative concept to “slugs” for better editor happiness* Q3

Drag-&-drop – *Allow arbitrary content (paragraphs, templates, etc.), not just images* Q3

Micro-VEs – *Rich editor for edit summaries; log entries* * Q4

Editor switching – *Switching between wikitext & VisualEditor mid-edit* ! Q4

Commenting – *Help integrate the document side-commenting GSoC work* Unscheduled

NEW EDITING TOOLS

Language settings – <i>Critical for multi-lingual wikis; useful in most other wikis (GSoC)</i>	Q1
Language variants tool – <i>Critical for Chinese & other languages</i>	! Q2
Table of Contents – <i>drag and drop placement triggering __TOC__ as needed</i>	* Q2
Layout HTML items – <i>
s, <hr />s, <div>s, etc.</i>	Q3
Arbitrary user CSS – <i>Setting “color:red;” and similar</i>	Q4
Definition lists – <i>Relatively-unused in content space with complex editing needs</i>	<u>Unscheduled</u>

EXTENDED DIALOGS

- Media settings – *setting media item size (inc. default), display type, alignment, alt, link* Q1
- References – *Help wikis set local citation templates for auto-suggestion in references* Q1
- Media upload – *Triggered by button, drag-and-drop or ? copy-and-paste* [UW] Q2
- Non-templates – *ParserFunctions, content magicwords like {{CURRENTDAY}} etc.* Q2
- Nested templates – *Enabling rich (DOM) editing of (some?) parameter values* ! Q2

EXTENDED DIALOGS

Categories – <i>Support hidden categories and listing of inherited categories</i>	Q2
Langlinks – <i>Editing/adding/removing langlinks via Wikidata and locally</i>	[Wikidata] Q2
Magic words – <i>Setting behavioural magicwords: #REDIRECT, NOTOC, NOCC, ...</i>	* Q2
Edit notices – <i>Setting/editing page-specific edit notices in-page</i>	[MW] Q4
Media searching – <i>Filtering by media type (still/video/audio), length, etc.</i>	<u>Unscheduled</u>

NEW DIALOGS

- Galleries – *Wikia are working on this already; vital for Commons, valued elsewhere* * Q1
- Equations – *Add/edit/remove LaTeX equations (<math> blocks), poss. visually (GSoC)* Q1
- Code – *Add/edit/remove source code in <syntaxhighlight> blocks (GSoC)* Q1
- Tables – *Add/remove row/column; merge/split cells; set headers/sortable/caption/float* Q2
- Table styling – *Setting colours/etc. on table/row/column/cell* Q3

NEW AND EXTENDED INTEGRATIONS

- Consistency – *Ensure all parts of the integration are as expected, e.g. edit links in diffs* Q1
- Flow – *VisualEditor will be used as an editing experience in Flow* Q2
- ProofReadPage – *Necessary for deployment on Wikisource; unclear who owns it* Q2
- Mobile – *Rich editing on mobile devices (tablets and phones)* Q3
- Visual histories – *Visual diffs and “playback” of article history* [MW] Q4

DEPLOYMENT AND RELEASE

Stable MW integration release – <i>available for download and use by 3rd parties</i>	Q2
Cover all content – <i>All non-talk pages except MediaWiki: & Template: namespaces</i>	Q2
Deploy to all WMF content wikis – <i>Wiktionary, Wikivoyage, Commons, ...</i>	* Q2
Deploy to all WMF wikis – <i>Requires Parsoid to auth for private ones</i>	[OAuth] * Q4
A stand-alone version – <i>for ‘keeping ourselves honest’ and encouraging 3rd parties</i>	<u>Unscheduled</u>
A WordPress integration – <i>for using VisualEditor in WordPress, initially as a demo</i>	<u>Unscheduled</u>

WORK FOR QI

- Reference citation templates
- * Media settings
- HTML comments and hidden content
- * Galleries, equations & code block editing
- Language settings
- Rich text copy-and-paste
- No-wiki block editing
- Red links shown as red, stubs as purple
- Better browser support
- Integration consistency
- Extensibility and plug-in architecture
- Stability, performance & scalability (*on-going*)

QUESTIONS?