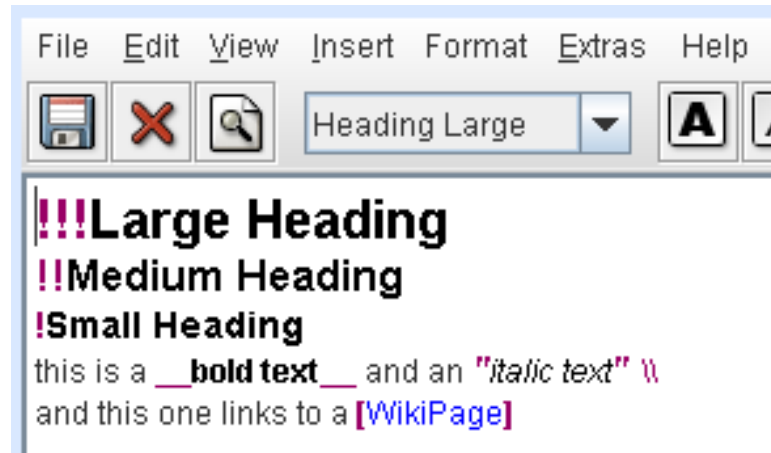


== What You See Is Wiki ==



Questioning WYSIWYG in the Internet age

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Motivation

“What I don't see here is the point of going to the lengths of making an editor for a wiki and NOT making it wysiwyg! what's up with that?”

--anonymous entry in the wikiwizard sandbox

Agenda

- Wiki Markup Discussion
- Wiki Markup Cons
- WYSIWYG in the Internet age
- Wiki Markup Pros
- Wiki Wizard Demo
- Conclusion

Wiki Markup Discussion

- Document Production: Visual or Logical
 - Leslie Lamport 1987, creator of LaTeX
 - Visual -> What You See Is What You Get
 - Logical -> What You See Is What You Mean
- “Are Wikis Usable?” Canadian Study with 4th Grade Students (age 8 to 9)
 - Link Creation and Management (49%)
 - Children needed a 15 minute introduction

WikiMarkup Cons

- “This is not for me”
 - People have to learn first
 - No explorative usage
- “Text processing of the old days”
 - Editing feels old fashioned - People are used to „MS Word WYSIWYG”
 - “Sea of monospaced letters”: Losing overview in simple text editors.
- “Wiki markup mess”

WYSIWYG in the Internet Age

- WYSIWYG: Developed for printing a document or using the same word processor
- But is there WYSIWYG anymore?
 - What if you send an email
 - What if you copy and paste content between wikis, CMS, documents...
 - What if CSS layout changes over time
 - What if your article is published in a magazine (publishing medium changes: Serif vs. not Serif)
 - Your audience changes (Disabled People)

The Documents Essence

- Brooks Prediction 1986: We will not see advances of scale in programming until we separate accidental tasks from essential tasks
- Transferring this to web authoring:
 - Accidental Task: Formatting Layout
 - Essential Task: Information + Basic Structure (Emphasis & Linking)
- Wiki Markup is part of the essence of a document – teach the public!

Wiki Markup Pros

- Concentrating on the content
 - For the author: clean separation of layout and content – no typographical errors
- Context sensitive display
 - Designer and reader: homogeneous design
- Speed
 - The tool for knowledge workers, e. g. bloggers don't lose the “flow”
- Simplicity
 - Allows easy evolving of wikis, e. g. scripting

Wiki Markup Mess

MediaWiki

`==Section==`

`===Subsection===`

`====Sub-subsection====`

`[WikiWord|The title]`

`[http://example.org
The title]`

`'''bold'''`

`''italic''`

JSP Wiki

`!!!Section`

`!!Subsection`

`!Sub-subsection`

`[The title|WikiWord]`

`[The title|
http://example.org]`

`__bold__`

`''italic''`

WikiWizard

- Editor under Development at the i3G, LGPL
- Development Goal: Resemble Email Client without hiding Wiki Markup
- Toolbars and Menus like Word Processors
- Uses Markup Highlighting to show Document Structure
- Copy and Paste translates HTML Content into Wiki Markup (Copy from MS Word, etc.)

WikiWizard Demo

Edit Main

Seite durchsuchen:

File Edit View Insert Format Extras Help

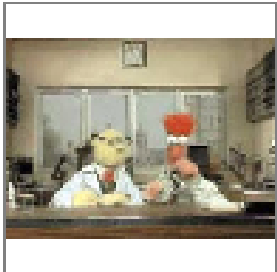
Heading Large ▾

!!!Sample document for editor area test

This document is used in the article [\[Testing WYSIWYG-editors|http://www.standards-schmandards.com/index.php?2006/03/03/36-wysiwyg-editor-test\]](http://www.standards-schmandards.com/index.php?2006/03/03/36-wysiwyg-editor-test). It contains various markup features commonly used by content editors or "rédacteurs de contenu" as they are called in [\[France|http://en.wikipedia.org/wiki/France\]](http://en.wikipedia.org/wiki/France). It is important that a WYSIWYG tool has features that are easily available for the editor. If not, there is a risk that content won't receive proper markup. Examples of commonly found content are:

Headings

Attach File



beakerpic1.jpg

Row : 1
Col : 1
Size : 2082

- Understand wiki markup as part of logical document production
 - Today: An alternative to WYSIWYG for Knowledge Workers
 - Vision: “Computer Literacy” should involve understanding the difference between the model and the view.
- Get on the markup mess
 - Wiki markup simplifies web page authoring
 - Wiki markup simplifies web page development
 - Wiki markup will one day unite both

References

- Leslie Lamport: Document Production – Visual or Logical
<http://research.microsoft.com/users/lamport/pubs/document-production.pdf>
- Alain Désilets et al: „Are Wikis Usable?“ Proceedings of the WikiSym 2005
- Wiki Markup Discussion on Meatball
<http://www.usemod.com/cgi-bin/mb.pl?WikiMarkupStandard>
- WikiWizard Editor (i3G):
www.jspwiki.org/wiki/WikiWizard

Thank You!