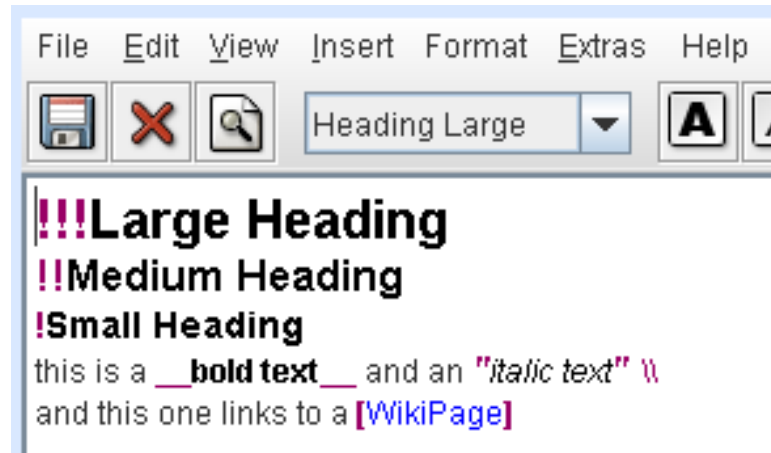


# == What You See Is Wiki ==



## 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 4<sup>th</sup> 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 ▾







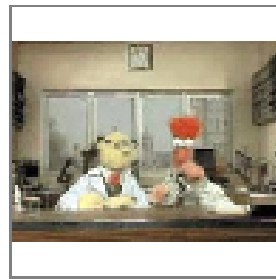






**!!!Sample document for editor area test**

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](http://www.jspwiki.org/wiki/WikiWizard)

# Thank You!