WikiText

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Lightweight Markup

- Markup for the web (think wiki)
- Author wiki markup, display HTML

h1. Wiki Markup

uses characters to indicate *bold*, _italics_ and other things like
* bulleted
* lists
and code:

```c
for (int x = 0; x < 10; ++x);
```
Textile-J

• DemoCamp 2007
• Originally a parser + JFace SourceViewer
• stand-alone or within Eclipse
Project Focus

• Ant-driven transformations
• Author Textile
• Transform to DocBook
• Display markup in Eclipse
• Textile source editor
The Next Step

- Task repositories use wiki markup
- Mylyn integrates with task repositories
- But...
WikiText Is Born

- Textile-J incubated as Mylyn WikiText
- Goals
  - to have a markup-aware task editor
  - bring it to the masses
IP Process

- Signed agreement
- Textile-J contributors
- Eclipse Foundation verifies code pedigree
  - search for similarities
  - in two instances they found something
WikiText Editor

- Editor works for any markup language
- Language-specific:
  - formatting
  - content-assist
  - validation
  - cheat-sheet
Custom Drawing

- Bullets

```plaintext
An example of *multi-level bullets* and *custom drawing*

- first level
  - second level
  - again
    - third level
- first level
```
Custom Drawing

- Images

An example of images displayed in a StyledText widget!

- the community image:

- the downloads image:

This trick is possible using annotations and an annotation painter
Mylyn Integration

• markup-aware task editor
• content-assist, help, preview
• per-repository settings
Other Changes

- Over 80 defect fixes and enhancements
- 5 markup languages supported
  - Confluence, MediaWiki, Textile, TracWiki, TWiki
- Multi-file output
  - Eclipse Help, OASIS DITA
WikiText Status

• Hope to graduate from incubation
• Mylyn 3.1 (January?)
• Builds are available
• incubation update site
• stand-alone
Demo
Thanks To...

- Mik Kersten
- Steffen Pingel
- Jingwen Owen Ou
- Robert Elves
- Tasktop
- Community
WikiText Info

- [http://wiki.eclipse.org/Mylyn/Incubator/WikiText](http://wiki.eclipse.org/Mylyn/Incubator/WikiText)
- [https://bugs.eclipse.org/bugs](https://bugs.eclipse.org/bugs) (Tools/Mylyn/WikiText)
- [http://greensopinion.blogspot.com](http://greensopinion.blogspot.com)
- Mik’s blog [http://tasktop.com/blog/?p=37](http://tasktop.com/blog/?p=37)