

Mylyn Docs

...and how it can be a powerful tool



About me

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- * Committer at Mylyn Docs, Mylyn Builds and Orbit
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THE HISTORY OF... GETTING CODERS TO DOCUMENT



About the project

“The scope of the Mylyn Docs project is Eclipse-based access to documentation systems such as Wikis and other portals.”

- Started from Mylyn WikiText component in August 2008
- 18 contributors and committers
- 137k lines of code

Why use Mylyn Docs?


“First of all thank you HUGELY for WikiText. I’ve used it to create documentation to go along with the software I’m sending to the ISS for astronauts to use. Very cool.”

— Tamar Cohen, NASA, June 2012¹

¹ <https://www.eclipse.org/forums/index.php/t/366592/>

Mylyn docs restructuring

Mylyn Docs will likely be split into several new projects under the "Lifecycle Tools"² TLP:

- Wikitext
- Imsar (clay + to write )
- VEX
- Intent

² <https://wiki.eclipse.org/Mylyn/Restructuring/2015>

Components

→ WikiText

→ Wikitext Editor

→ ANT and Maven tasks

→ Extensible Java API

→ EPUB

→ Ant task

→ Wizard for WikiText to EPUB

→ Java API



```
# Heros contingere habitant ad somnia

## Adulter a in iam tunc undis colorque

Lorem markdownum sensitque genitor terram. Per gaudia **fingens iam faciunt**
Phoebes illis innitens instantes dolet quandoquidem terra. Lege in mittit
ponderibus, nec tamen animi manibusque sed.

# - Heading 1
## - Heading 2
### - Heading 3
#### - Heading 4
##### - Heading 5
##### - Heading 6
* - List (bulleted)
1. - List (numeric)
> - Block quote
[] - Link (inline) - [Text](http://www.example.com)
[id] - Link (footnote) - [Text][id]
<> - Link (simple) - <http://www.example.com>

processorExternalWeb = 5 + gbps_recycle_association;

## Simillima absumpsit novum florent

Ante omne causa sacerdos saltus, dixit duri s
Data at telaque dixerunt, loquenti horrescere sed.

caps_ssid_compression.default_unit(nas(wor
var iphone = horizontal_development_sdk.ra
kibibyte, logMacintosh), batch(
access.card_adapter_wireless.paral
dviDefinition);
if (memory(file_language_powerpoint, adapter.tweak_gigo_software(end,
domain, camelcase))) {
processor += winsockCtr(
swappable_ad_excel.dongle_integrated.twain_kilohertz_microphone(
safe_font_data, processorIntranetUsb));
memory += leftCompileTouchscreen;
} else {
express(leopard_memory_cisc(algorithm_pop_system, command,
terabyteSharewareDesktop), dac_clock, boot_interface_favorites);
```

Supported dialects

- Asciidoc
- Commonmark
- Confluence
- Markdown
- Mediawiki
- Textile
- TracWiki
- TWiki

lore ipsum.md

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```
if (4) {
  prebinding_sli(hypermedia_cycle(bootFlamingCtp, 4), hsf *
    spoofing_donationware_function, rwTerahertz * 5);
  vaporware_rss_youtube.reality_file_virtual -= ram + file + menuSramBox(
    dotCronPlug);
} else {
  cycle_character_reader.trackbackData *= downloadGuid(disk_uri,
    motherboard_reciprocal);
}
var directxHover = twain;
vaporwareGrayscale = del;
processorExternalWeb = 5 + gbps_recycle_association;
```

Preview can be styled using custom CSS

Simillima absumpsit novum florent

Ante omne causa sacerdos saltus, dixit duri sed sicut quoque relictus, pia sed. Data at telaque dixerunt, loquenti horrescere humano laniavit lumina.

```
caps_ssaid_compression.default_unit(nas(wordart_public, 18, scanner));
var iphone = horizontal_development_sdk.radcab_dvd.web(token.path(6,
  kibibyte, logMacintosh), batch(
  access.card_adapter_wireless.parallel_gnutella(publishing)),
  dviDefinition);
if (memory(file_language_powerpoint, adapter.tweak_gigo_software(end,
  domain, camelcase))) {
  processor += winsockCtr(
```

Markdown Source Preview

Using Mylyn Docs



The Java API

As an author I want to publish my documentation in PDF and EPUB

- Write equations in LaTeX from within Eclipse
- Insert these equations into my Markdown document
- Embed scalable charts and diagrams
- Use Mylyn Docs to generate all formats
 - Convert from Markdown to HTML and assemble EPUB
 - Convert from Markdown to XSL:FO and generate PDF

As a developer I want to read all my coding books with pretty formatting

- The coding book I just bought has bad formatting and I find it hard to read.
- Use Mylyn Docs tools to unpack the book
 - Add an improved CSS file
 - Modify the source code listings
 - Add a new page
 - Copy modified book to reading system and smile! 😊

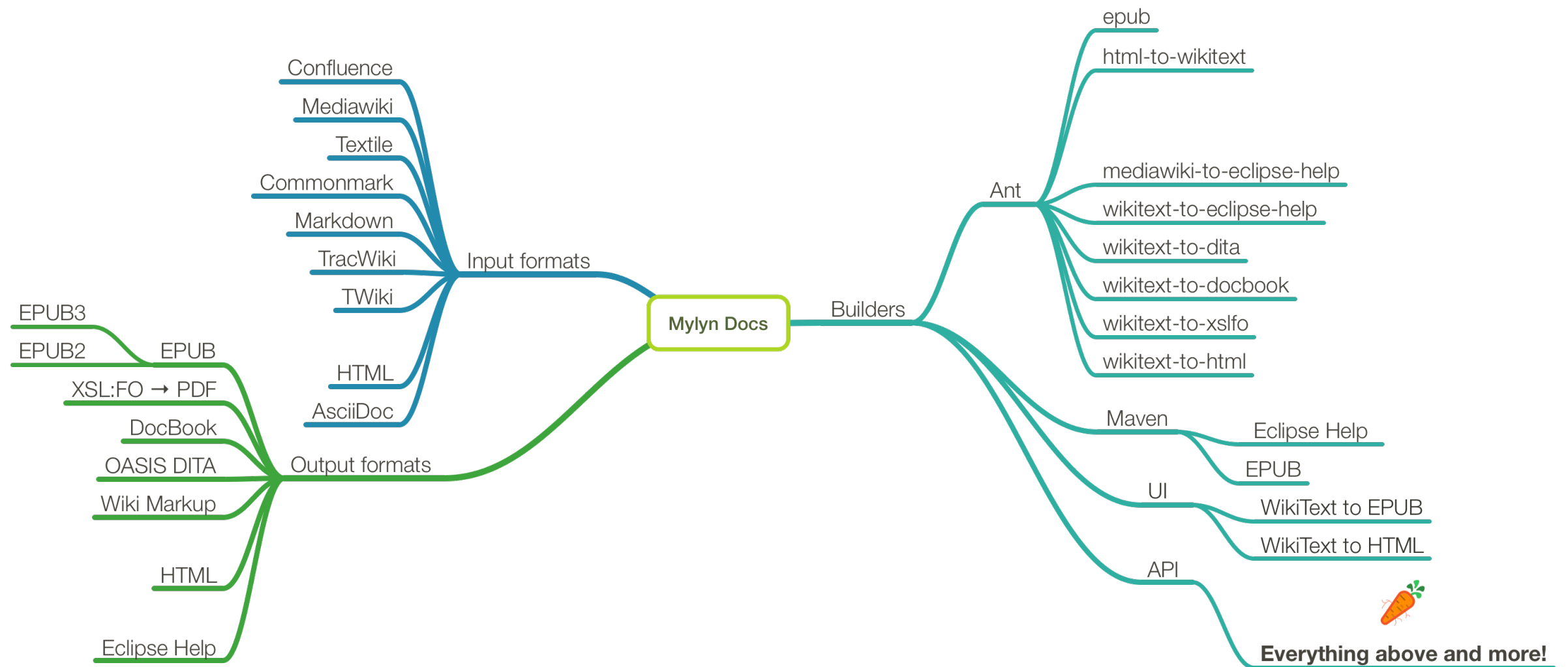
Using Mylyn Docs

The UI

As an Eclipse user I want to stay in the IDE

- Edit my slides in Markdown using Eclipse

Summary



Slides and code:

<https://github.com/turesheim/mylyn-docs-examples>

Equation Writer:

<https://github.com/turesheim/eclipse-equation-writer>

Evaluate the Sessions



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France 2016

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-1 0 +1